

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

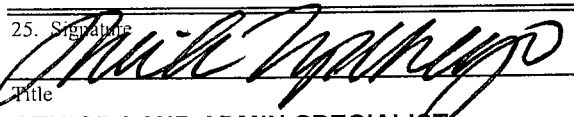

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER			5. Lease Serial No. UTU-01193	
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name TRIBAL SURFACE	
2. Name of Operator KERR MCGEE OIL AND GAS ONSHORE LP			7. If Unit or CA Agreement, Name and No. UNIT #891008900A	
3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078		8. Lease Name and Well No. NBU 921-14G		
3B. Phone No. (include area code) (435) 781-7024		9. API Well No. 43-047-34250		
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW/NE 2319'FNL, 1996'FEL At proposed prod. Zone 4432704 Y - 109.514004			10. Field and Pool, or Exploratory NATURAL BUTTES	
14. Distance in miles and direction from nearest town or post office* 30.1 +/- MILES FROM OURAY, UTAH			11. Sec., T., R., M., or Blk, and Survey or Area SEC. 14, T9S, R21E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1996'		16. No. of Acres in lease 1920.00		17. Spacing Unit dedicated to this well 40.00
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C		19. Proposed Depth 9960'		20. BLM/BIA Bond No. on file RLB0005239
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4783'GL		22. Approximate date work will start* UPON APPROVAL		23. Estimated duration TO BE DETERMINED

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office. | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature 	Name (Printed/Typed) SHEILA UPCHEGO	Date 4/18/2007
Title SENIOR LAND ADMIN SPECIALIST		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 04-26-07
Title ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

APR 23 2007

DIV. OF OIL, GAS & MINING

T9S, R21E, S.L.B.&M.

Kerr-McGee Oil & Gas Onshore LP

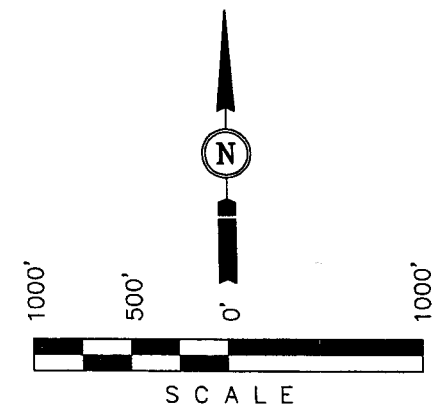
Well location, NBU #921-14G, located as shown in the SW 1/4 NE 1/4 of Section 14, T9S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

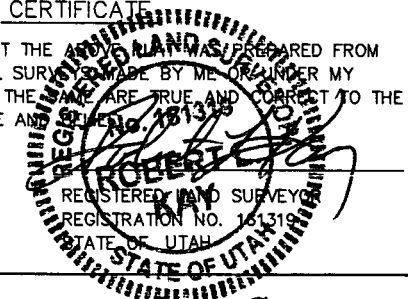
BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



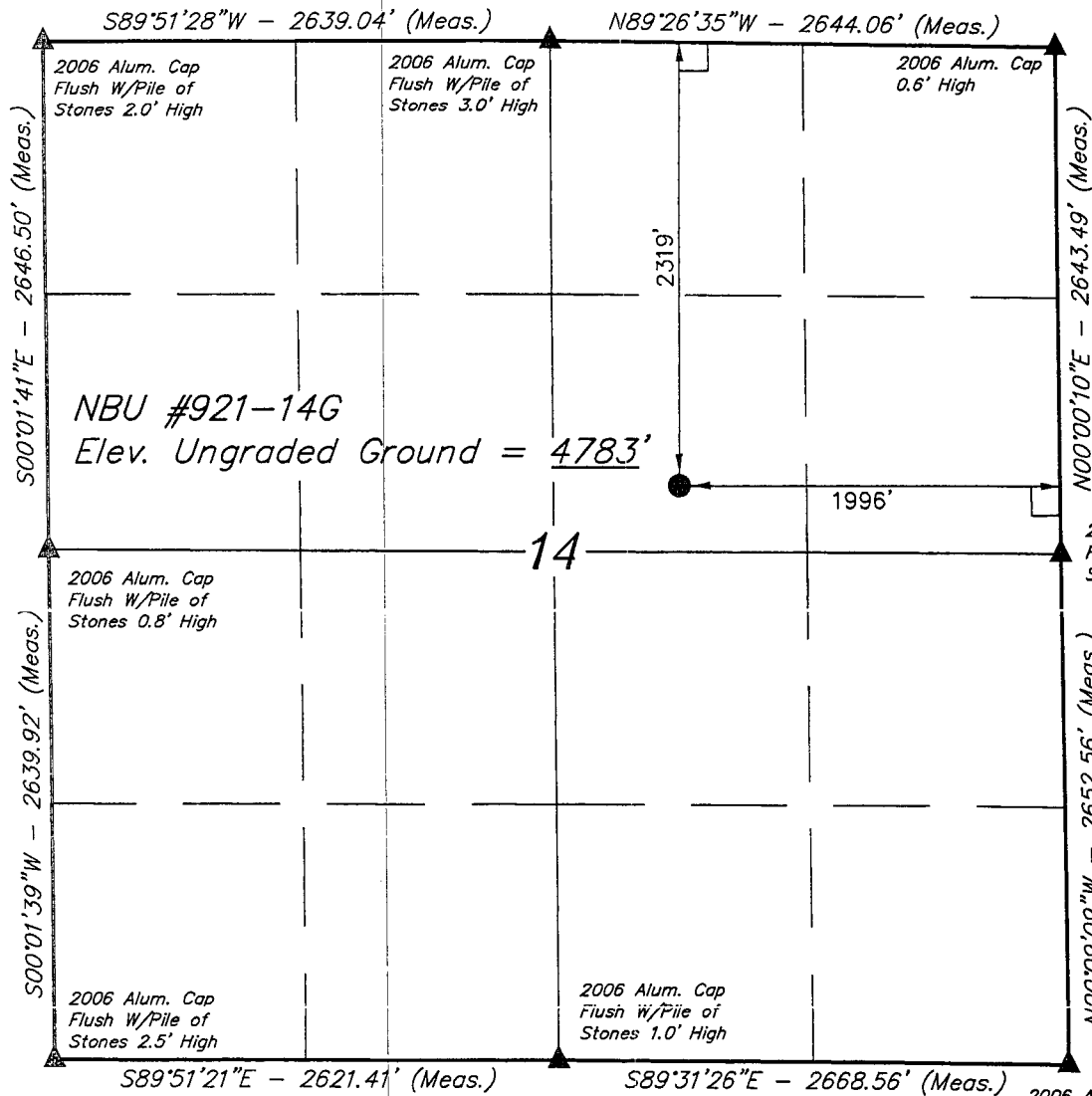
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE MAP WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 01-18-07	DATE DRAWN: 01-22-07
PARTY D.A. B.M. C.H.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE	Kerr-McGee Oil & Gas Onshore LP



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 40°02'13.13" (40.036981)
LONGITUDE = 109°31'00.18" (109.516717)
(NAD 27)
LATITUDE = 40°02'13.26" (40.037017)
LONGITUDE = 109°30'57.70" (109.516028)

NBU 921-14G
SW/NE Sec. 14, T9S, R21E
UINTAH COUNTY, UTAH
UTU-01193

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1648'
Top of Birds Nest Water	1993'
Mahogany	2350'
Wasatch	5006'
Mesaverde	7808'
MVU2	8741'
MVL1	9321'
TD	9960'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	1648'
	Top of Birds Nest Water	1993'
	Mahogany	2350'
Gas	Wasatch	5006'
Gas	Mesaverde	7808'
Gas	MVU2	8741'
Gas	MVL1	9321'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. **Proposed Casing & Cementing Program:**

Please see the Natural Buttes Unit SOP.

5. **Drilling Fluids Program:**

Please see the Natural Buttes Unit SOP.

6. **Evaluation Program:**

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 9960' TD, approximately equals 6175 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3984 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please see Natural Buttes Unit SOP.

10. **Other Information:**

Please see Natural Buttes Unit SOP.



KERR-McGEE OIL & GAS ONSHORE LP **DRILLING PROGRAM**

COMPANY NAME KERR-McGEE OIL & GAS ONSHORE LP DATE April 18, 2007
 WELL NAME NBU 921-14G TD 9,960' MD/TVD
 FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 4,782' GL KB 4,797'
 SURFACE LOCATION SW/NE SEC. 14, T9S, R21E 2319'FNL 1996'FEL BHL Straight Hole
 Latitude: 40.036981 Longitude: 109.516717
 OBJECTIVE ZONE(S) Wasatch/Mesaverde
 ADDITIONAL INFO Regulatory Agencies: TRIBAL (SURF & MINERALS), BLM, UDOGM, Tri-County Health Dept.

GEOLOGICAL			MECHANICAL		
LOGS	FORMATION TOPS	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'		14"	
			12-1/4"	9-5/8", 32.3#, H-40, STC	Air mist
			**For wells w/ surf csg set below 2200' app 10 jts of 36# J55 will be run on bottom		
Catch water sample, if possible, from 0 to 5,006' Green River @ 1,648' Top of Birds Nest Water @ 1,993' Mahogany @ 2,350' Preset fl GL @ 2,500' MD					
Note: 12.25" surface hole will usually be drilled ±400' below the bottom of lost circulation zone. Drilled depth may be ±200' of the estimated set depth depending on the actual depth of the loss zone.					
Mud logging program TBD Open hole logging program fl TD - surf csg					
	Wasatch @	5,006'	7-7/8"	4-1/2", 11.6#, I-80 or equivalent LTC casing	Water/Fresh Water Mud 8.3-11.8 ppg
	Mverde @	7,808'			
	MVU2 @	8,741'			
	MVL1 @	9,321'			
	TD @	9,960'			Max anticipated Mud required 11.8 ppg



KERR-McGEE OIL & GAS ONSHORE LP

DRI LING PROGRAM

CASING PROGRAM

	DESIGN FACTORS						
	SIZE	INTERVAL	WT	GR	CPLC	BURST	TENSION
CONDUCTOR	14"	0-40'				2270	1370
SURFACE	9-5/8"	0 to 2100	32.30	H-40	STC	0.58*****	1.39
						3520	2020
	9-5/8"	2100 to 2500	36.00	J-55	STC	1.14*****	1.73
PRODUCTION	4-1/2"	0 to 9960	11.60	I-80	LTC	7780	6350
						1.98	1.04

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point))

2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 11.8 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Euoy.Fact. of water)

MASP 3920 psi

***** Burst SF is low but csg is stronger than formation at

2500 feet

***** EMW @ 2500 for 2270# is 17.5 ppg or 0.9 psi/ft

CEMENT PROGRAM

		LEAD	TAIL	TOP OUT CMT	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE Option 1	LEAD	500			Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
	TOP OUT CMT (1)	250			20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	100		15.60	1.18
	TOP OUT CMT (2)	as required			Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE Option 2	LEAD	2000			NOTE: If well will circulate water to surface, option 2 will be utilized				
	LEAD				Prem cmt + 1.3% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC	230	35%	11.00	3.82
	TAIL	500			Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required			Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	4,500'			Premium Lite: II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	490	60%	11.00	3.38
	TAIL	5,460'			50/50 Poz/G + 10% salt + 2% gel + .1% R-3	1530	60%	14.30	1.31

*Substitute caliper hole volume plus 1% excess for LEAD if accurate caliper is obtained

*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder &

tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper

& lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

DRILLING ENGINEER:

Brad Laney

DATE:

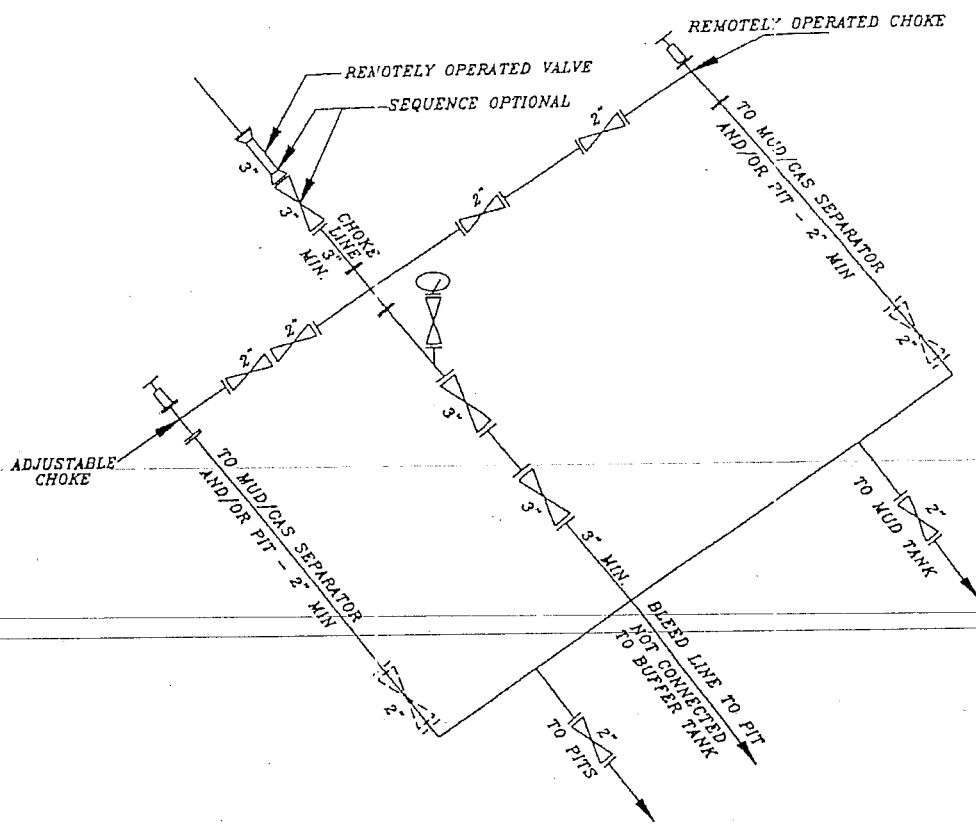
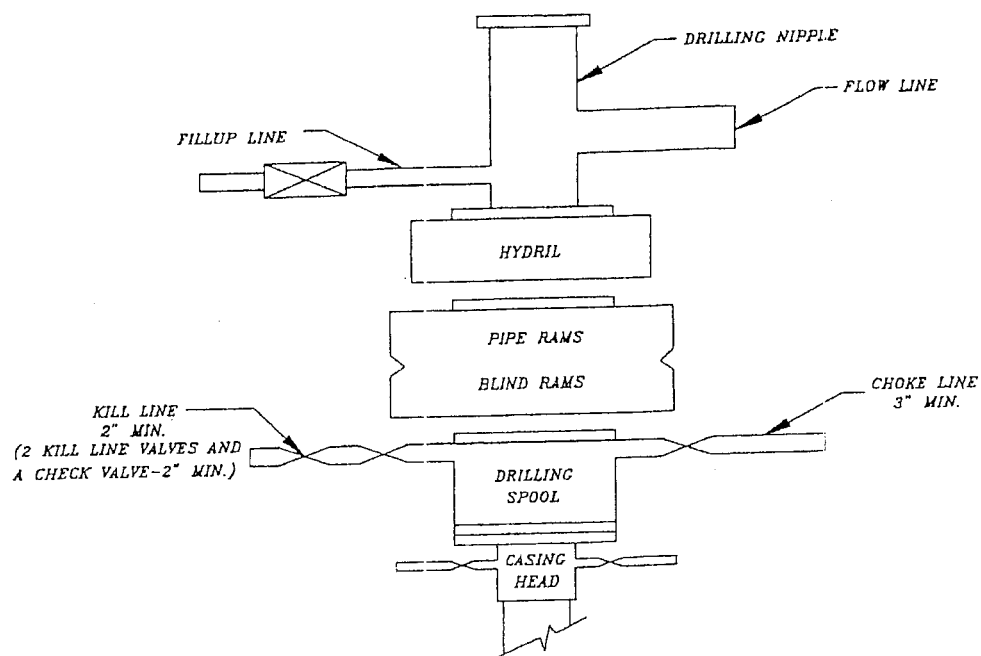
DRILLING SUPERINTENDENT:

Randy Bayne

DATE:

NBU921-14G DHD

5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU 921-14G
SW/NE SEC. 18, T9S, R21E
UINTAH COUNTY, UTAH
UTU-01193

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Please refer to the attached Topo Map B.

3. Location of Existing Wells Within a 1-Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please see the Natural Buttes Unit SOP.

Approximately 124' +/- of 4" pipeline is proposed from the location to an existing pipeline.

Approximately 329' +/- of pipeline will be re-routed. Refer to Topo Map D for pipeline placement.

Approximately 345' +/- of pipeline will be re-routed. Refer to Topo Map D for pipeline placement.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. Source of Construction Materials:

Please see the Natural Buttes SOP.

7. Methods of Handling Waste Materials:

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (*Request is in lieu of filing Form 3160-5, after initial production*).

8. **Ancillary Facilities:**

Please see the Natural Buttes SOP.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

Culverts will be installed where needed.

A run off diversion for drainage will be constructed where needed.

The reserve pit will be lined. When the reserve pit is closed the pit liner will be buried below plow depth.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be re-surveyed and a form 3160-5 will be submitted.

10. **Plans for Reclamation of the Surface:**

Please see the Natural Buttes SOP.

11. **Surface Ownership:**

The well pad and access road are located on lands owned by:

Ute Indian Tribe
P.O. Box 70
Fort Duchesne, Utah 84026
(435) 722-5141

12. **Other Information:**

A Class III Archaeological Survey Report has been conducted for this location and submitted to the Ute Indian Tribe prior to the on-site inspection.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within boundaries of the unit.

13. Lessee's or Operator's Representative & Certification:

Sheila Upchego
Senior Land Admin Specialist
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7024

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Bureau of Indian Affairs Nationwide Bond #RLB0005239, Bureau of Land Management Nationwide Bond #WYB000291 and State of Utah Bond #RLB0005237.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.


Sheila Upchego

4/18/2007

Date

Kerr-McGee Oil & Gas Onshore LP

NBU #921-14G

SECTION 14, T9S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 3.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 150' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 51.7 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #921-14G

LOCATED IN UTAH COUNTY, UTAH

SECTION 14, T9S, R21E, S.L.B.&M.

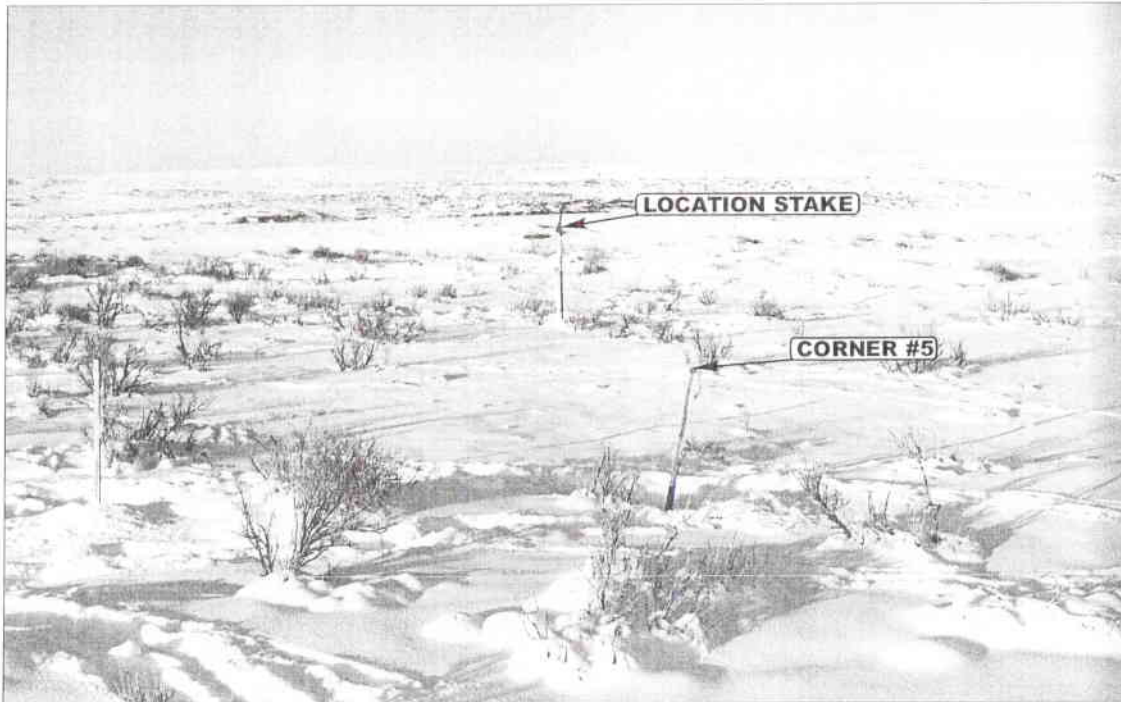


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

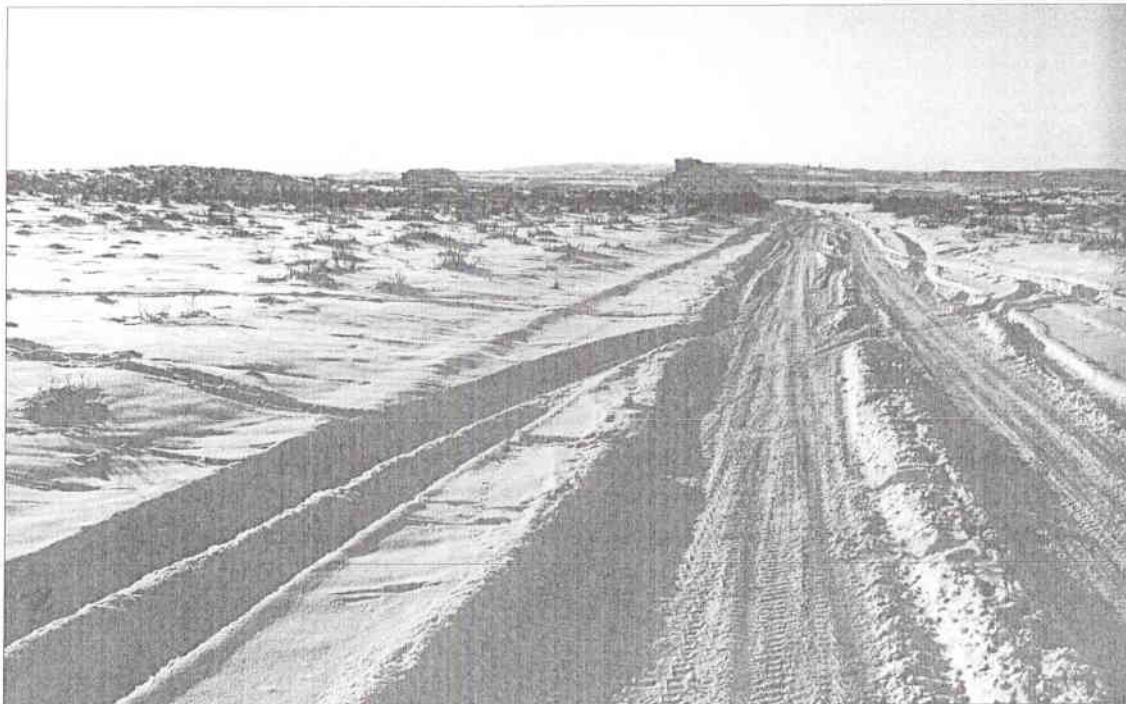


PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: NORTHWESTERLY



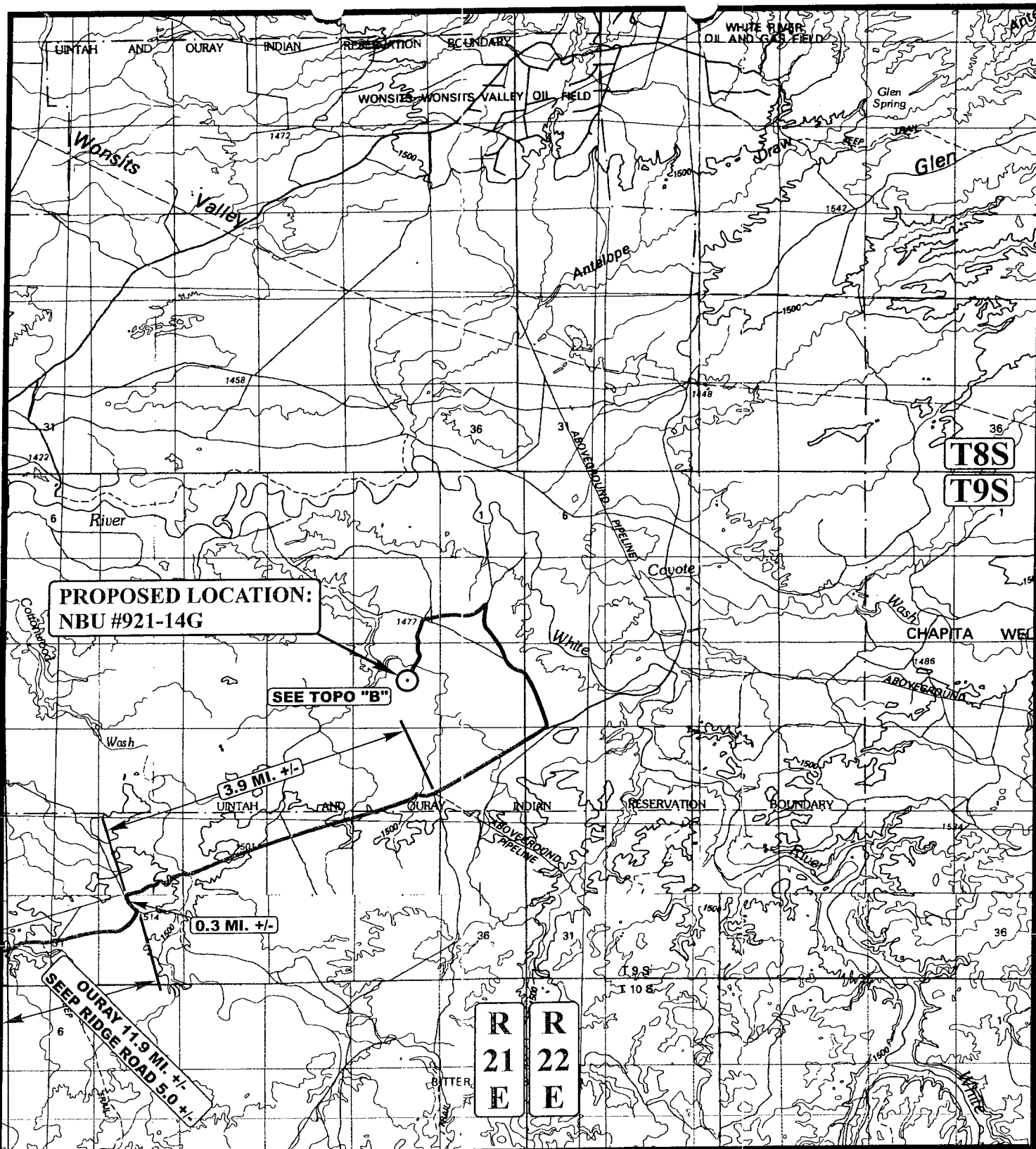
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

01 22 07
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K. | DRAWN BY: C.P. | REVISED: 00-00-00



LEGEND:

○ PROPOSED LOCATION



Kerr-McGee Oil & Gas Onshore LP

NBU #921-14G

SECTION 14, T9S, R21E, S.L.B.&M.

2319' FNL 1996' FEL



Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

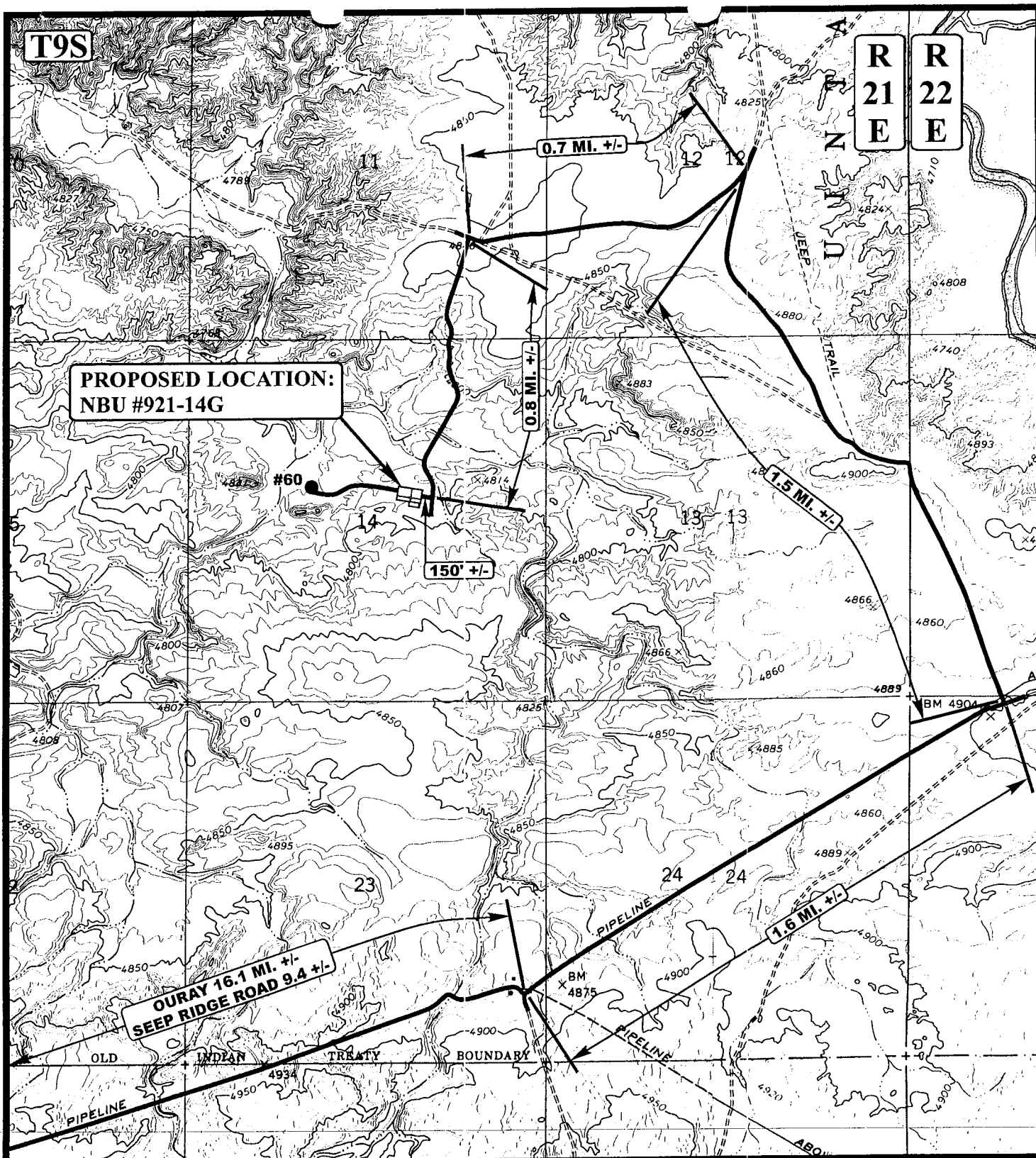
01 22 07
MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: C.P.

REVISED: 00-00-00





LEGEND:

EXISTING ROAD
 PROPOSED ACCESS ROAD



Kerr-McGee Oil & Gas Onshore LP

NBU #921-14G
 SECTION 14, T9S, R21E, S.L.B.&M.
 2319' FNL 1996' FEL



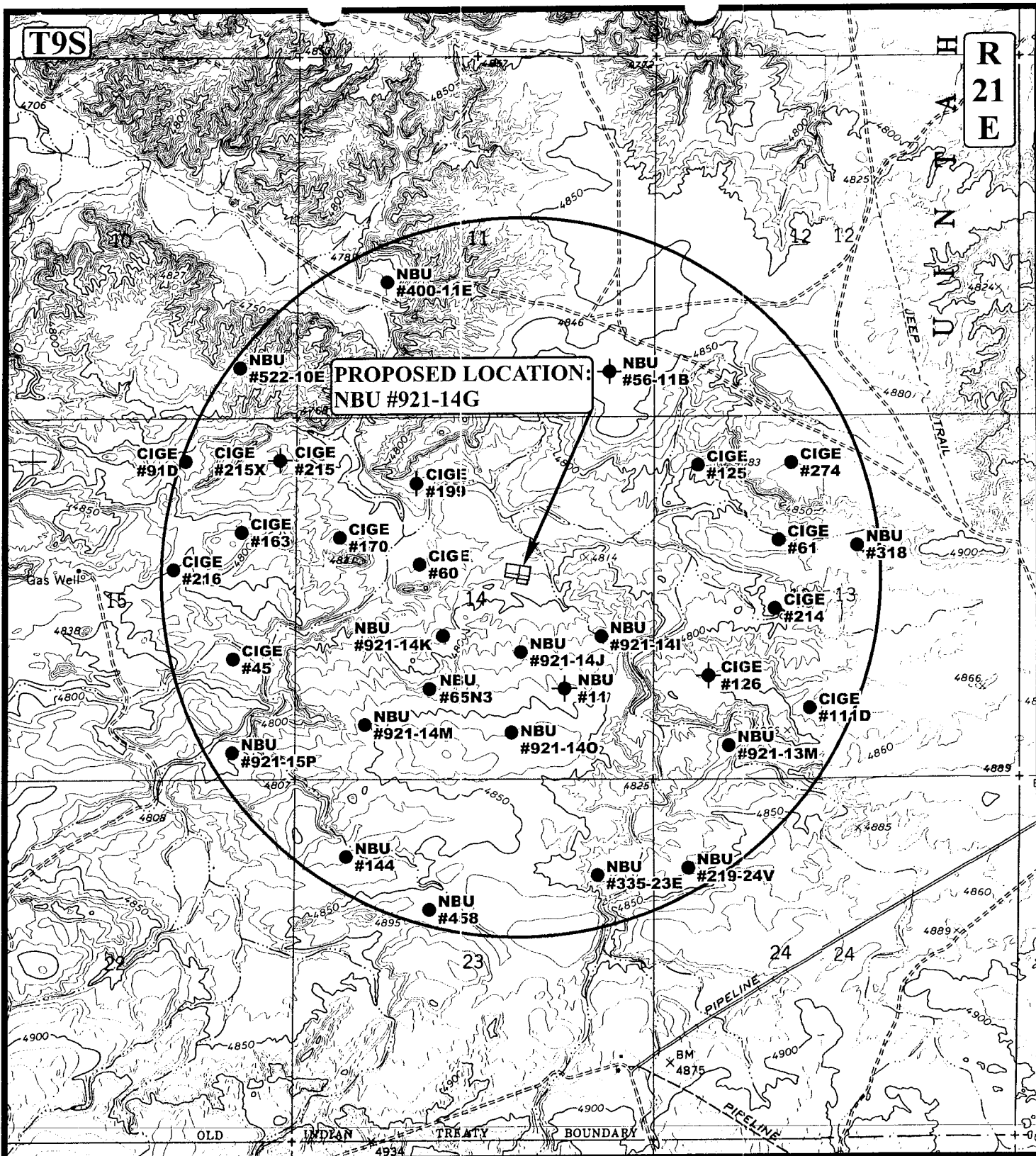
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
 MAP

01	22	07
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

Kerr-McGee Oil & Gas Onshore LP

NBU #921-14G
SECTION 14, T9S, R21E, S.L.B.&M.
2319' FNL 1996' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

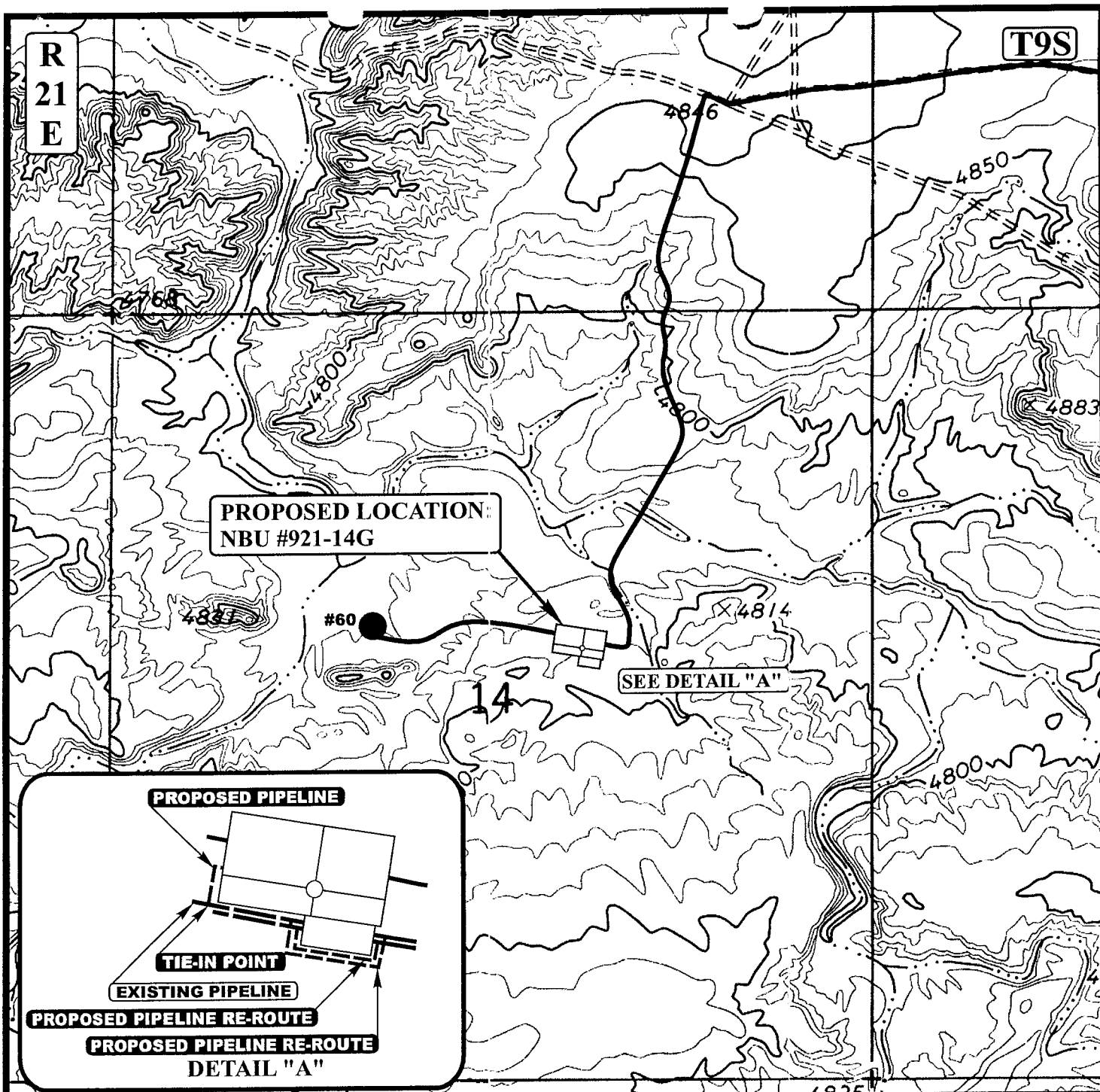


TOPOGRAPHIC
MAP

01 22 07
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE RE-ROUTE DISTANCE = 329' +/-

APPROXIMATE TOTAL PIPELINE RE-ROUTE DISTANCE = 345' +/-

APPROXIMATE TOTAL PIPELINE DISTANCE = 124' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE

Kerr-McGee Oil & Gas Onshore LP

NBU #921-14G

SECTION 14, T9S, R21E, S.L.B.&M.

2319' FNL 1996' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC
MAP

01 22 07
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.P. REVISED: 00-00-00



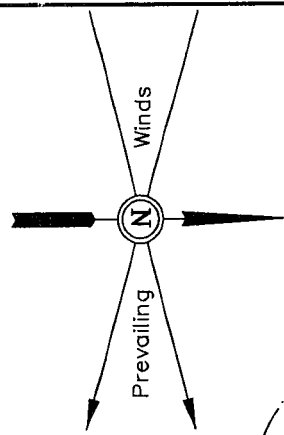
Kerr-McGee Oil & Gas Onshore LP

LOCATION LAYOUT FOR

NBU #921-14G

SECTION 14, T9S, R21E, S.L.B.&M.

2319' FNL 1996' FEL



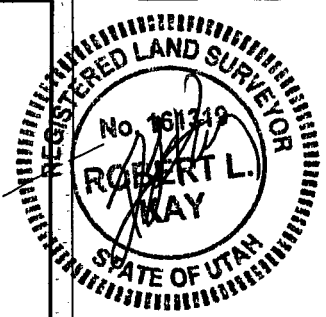
SCALE: 1" = 50'
DATE: 01-22-07
Drawn By: C.H.

CONSTRUCT
DIVERSION
DITCH

Existing Access
Road

F-3.4'
El. 78.9'

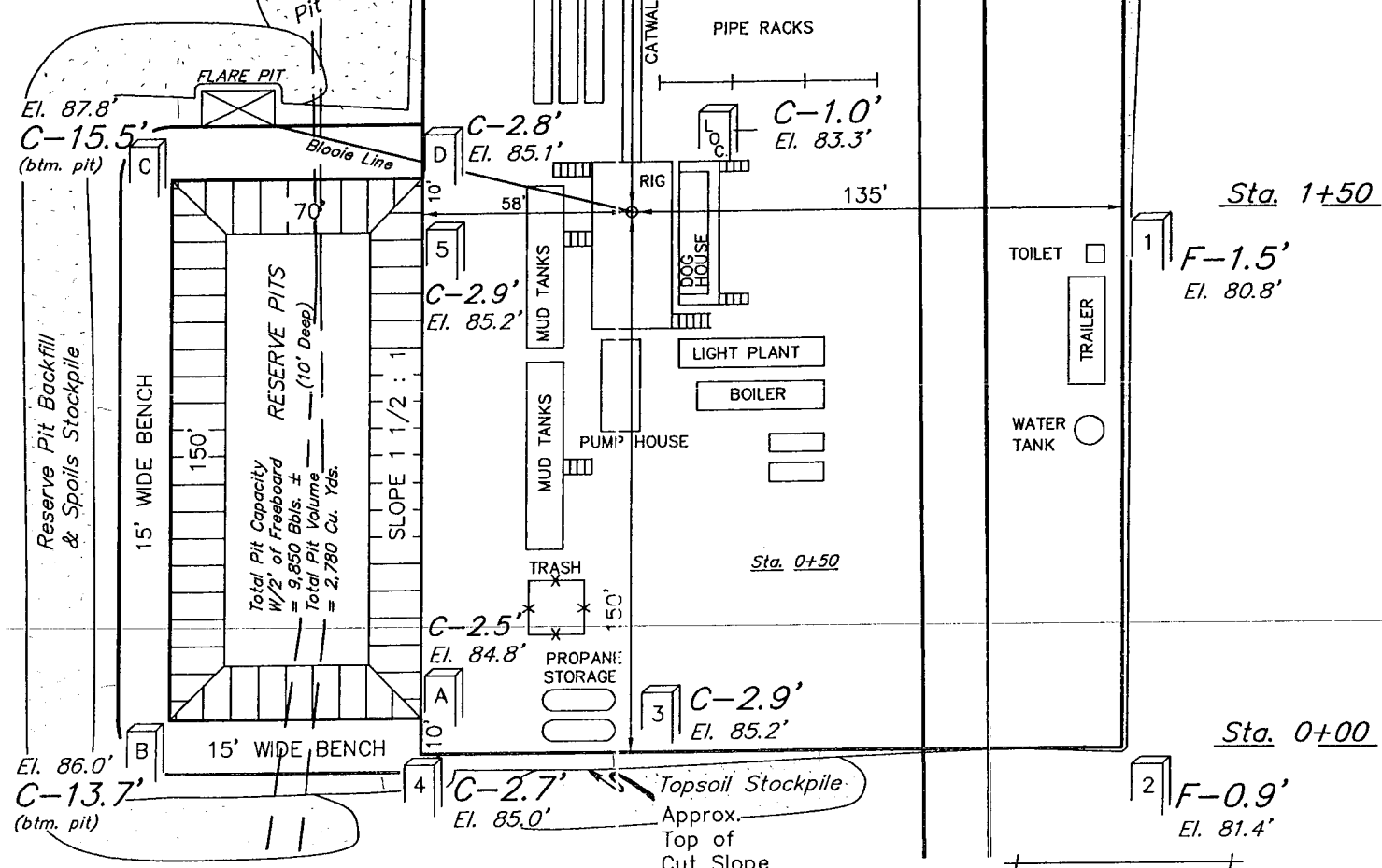
Sta. 3+50



Approx.
Toe of
Fill Slope

NOTE:

Flare Pit is to be located
a min. of 100' from the
Well Head.



NOTES:

Elev. Ungraded Ground At Loc. Stake = 4783.3'
FINISHED GRADE ELEV. AT LOC. STAKE = 4782.3'

FIGURE #1

Kerr-McGee Oil & Gas Onshore LP

FIGURE #2

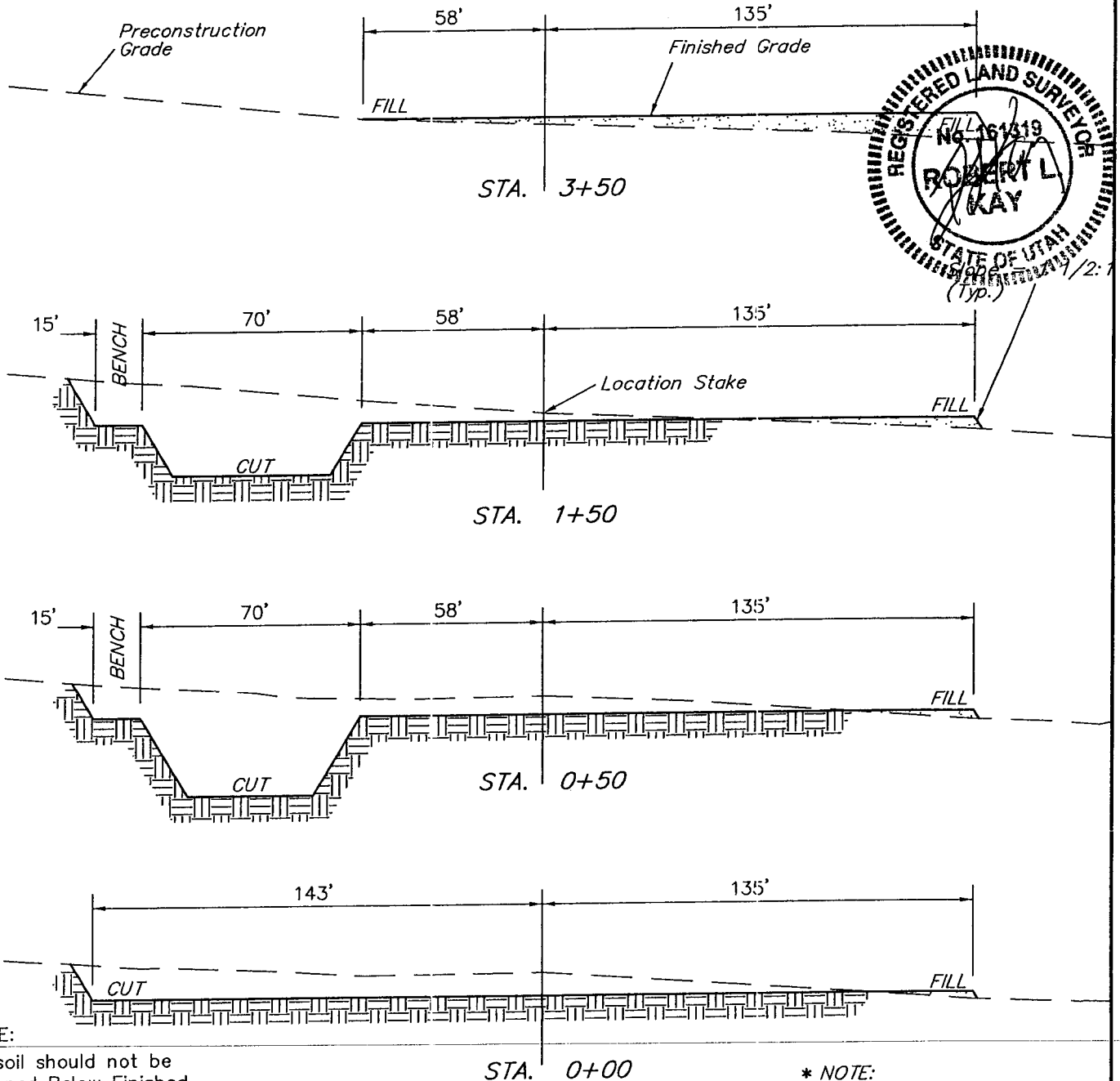
TYPICAL CROSS SECTIONS FOR

NBU #921-14G

SECTION 14, T9S, R21E, S.L.B.&M.

2319' FNL 1996' FEL

1" = 20'
X-Section
Scale
1" = 50'
DATE: 01-22-07
Drawn By: C.H.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT
(12") Topsoil Stripping = 3,340 Cu. Yds.
Remaining Location = 5,060 Cu. Yds.
TOTAL CUT = 8,400 CU.YDS.
FILL = 3,670 CU.YDS.

EXCESS MATERIAL = 4,730 Cu. Yds.
Topsoil & Pit Backfill = 4,730 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 0 Cu. Yds.
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/23/2007

API NO. ASSIGNED: 43-047-39250

WELL NAME: NBU 921-14G

OPERATOR: KERR-MCGEE OIL & GAS (N2995)

CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:

SWNE 14 090S 210E

SURFACE: 2319 FNL 1996 FEL

BOTTOM: 2319 FNL 1996 FEL

COUNTY: Uintah

LATITUDE: 40.03697 LONGITUDE: -109.5160

UTM SURF EASTINGS: 626611 NORTHINGS: 4432706

FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-01193

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. RLB0005239)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit
(No. 43-8496)

☒ RDCC Review (Y/N)
(Date:)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: NATURAL BUTTES

___ R649-3-2. General

Siting: 460' From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 173-14

Eff Date: 12-2-94

Siting: 460' from 1/4 Sec 14, T14N, R64E, Uncomm Tract

___ R649-3-11. Directional Drill

COMMENTS:

See Separate Doc

STIPULATIONS:

*1- Federal Agreement
2- Oil Shale*

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

April 25, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2007 Plan of Development Natural Buttes Unit
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Natural Buttes Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ Wasatch/MesaVerde)

43-047-39237	NBU 921-8B	Sec 08 T09S R21E 0528 FNL 2080 FEL
43-047-39238	NBU 921-8H	Sec 08 T09S R21E 1870 FNL 0837 FEL
43-047-39239	NBU 921-8P	Sec 08 T09S R21E 0533 FSL 0578 FEL
43-047-39240	NBU 921-9K	Sec 09 T09S R21E 2633 FSL 2383 FWL
43-047-39241	NBU 921-9C	Sec 09 T09S R21E 0896 FNL 1569 FWL
43-047-39254	NBU 921-16P	Sec 16 T09S R21E 0537 FSL 0610 FEL
43-047-39255	NBU 921-18D	Sec 18 T09S R21E 0550 FNL 0827 FWL
43-047-39256	NBU 921-21L	Sec 21 T09S R21E 1785 FSL 0797 FWL
43-047-39242	NBU 921-10H	Sec 10 T09S R21E 1472 FNL 1104 FEL
43-047-39243	NBU 921-13H	Sec 13 T09S R21E 2323 FNL 0531 FEL
43-047-39244	NBU 921-13E	Sec 13 T09S R21E 1818 FNL 0851 FWL
43-047-39245	NBU 921-13LT	Sec 13 T09S R21E 1465 FSL 0792 FWL
43-047-39246	NBU 921-14B	Sec 14 T09S R21E 0822 FNL 1764 FEL
43-047-39247	NBU 921-14D	Sec 14 T09S R21E 0465 FNL 0542 FWL
43-047-39248	NBU 921-14P	Sec 14 T09S R21E 0878 FSL 1163 FEL
43-047-39249	NBU 921-14A	Sec 14 T09S R21E 1239 FNL 0883 FEL
43-047-39250	NBU 921-14G	Sec 14 T09S R21E 2319 FNL 1996 FEL
43-047-39251	NBU 921-14H	Sec 14 T09S R21E 2088 FNL 0422 FEL
43-047-39252	NBU 921-15E	Sec 15 T09S R21E 2184 FNL 0636 FWL
43-047-39253	NBU 921-15L	Sec 15 T09S R21E 2015 FSL 0713 FWL

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:4-25-07



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

April 26, 2007

Kerr McGee Oil and Gas Onshore LP
1368 S 1200 E
Vernal, UT 84078

Re: Natural Buttes Unit 921-14G Well, 2319' FNL, 1996' FEL, SW NE, Sec. 14,
T. 9 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39250.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office

Operator: Kerr McGee Oil and Gas Onshore LP
Well Name & Number Natural Buttes Unit 921-14G
API Number: 43-047-39250
Lease: UTU-01193

Location: SW NE Sec. 14 T. 9 South R. 21 East

Concitions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division with 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office
(801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

RECEIVED
VERNAL FIELD OFFICE

2007 APR 19 AM 11:59

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

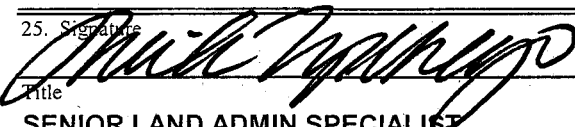
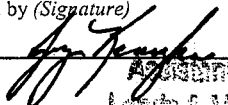
5. Lease Serial No. UTU-01193
6. If Indian, Allottee or Tribe Name TRIBAL SURFACE
7. If Unit or CA Agreement, Name and No. UNIT #891008900A
8. Lease Name and Well No. NBU 921-14G
9. API Well No. 43 047 39250
10. Field and Pool, or Exploratory NATURAL BUTTES
11. Sec., T., R., M., or Blk. and Survey or Area SEC. 14, T9S, R21E
12. County or Parish UINTAH
13. State UTAH

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		
2. Name of Operator KERR MCGEE OIL AND GAS ONSHORE LP		
3A. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) (435) 781-7024	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NE 2319'FNL, 1996'FEL At proposed prod. Zone		
14. Distance in miles and direction from nearest town or post office* 30.1 +/- MILES FROM OURAY, UTAH		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1996'	16. No. of Acres in lease 1920.00	17. Spacing Unit dedicated to this well 40.00
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	19. Proposed Depth 9960'	20. BLM/BIA Bond No. on file RLB0005239- WYB000291
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4783'GL	22. Approximate date work will start* UPON APPROVAL	23. Estimated duration TO BE DETERMINED

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office. | 6. Such other site specific information and/or plans as may be required by the authorized office. |

25. Signature 	Name (Printed/Typed) SHEILA UPCHEGO	Date 4/18/2007
Title SENIOR LAND ADMIN SPECIALIST		
Approved by (Signature) 	Name (Printed/Typed) Terry Kencova	Date 3-13-2008
Title Assistant Field Manager Land & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

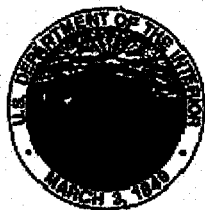
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RECEIVED

MAR 18 2008

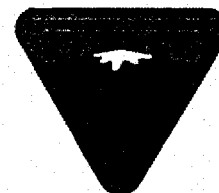
DIV. OF OIL, GAS & MINING

No NOS
OTMIC0007A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: **Kerr-McGee O&G Onshore, LP.** Location: **SWNE, Sec 14, T9S, R21E**
Well No: **NBU 921-14G** Lease No: **UTU-01193**
API No: **43-047-39250** Agreement **Natural Buttes Unit**

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-4410

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Construction Activity	-	The Ute Tribe Energy & Minerals Dept. shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

Surface COAs:

Additional Stipulations:

- None

General Conditions of Approval

- A 30' foot corridor right-of-way shall be approved. Upon completion of each pipeline in corridor, they shall be identified and filed with the Ute Tribe.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.

- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.
- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

DOWNHOLE CONDITIONS OF APPROVAL (COAs):

SITE SPECIFIC DOWNHOLE COAs:

- A surface casing shoe integrity test shall be performed.
- Production casing cement top shall be at a minimum of 200' above the surface casing shoe.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **KERR-McGEE OIL & GAS ONSHORE, LP**

Well Name: **NBU 921-14G**

Api No: **43-047-39250** Lease Type: **FEDERAL**

Section **14** Township **09S** Range **21E** County **UINTAH**

Drilling Contractor **PETE MARTIN DRLG** RIG # **RATHOLE**

SPUDDED:

Date **04/17/08**

Time **8:00 AM**

How **DRY**

Drilling will Commence: _____

Reported by **LOU WELDON**

Telephone # **(435) 828-7035**

Date **04/17/08** Signed **CHD**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR McGEE OIL & GAS ONSHORE LP Operator Account Number: N 2995
Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078 Phone Number: (435) 781-7024

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739250	NBU 921-14G		SWNE	14	9S	21E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
<u>B</u>	99999	<u>2900</u>	4/17/2008			<u>4/28/08</u>	
Comments: MIRU PETE MARTIN BUCKET RIG. <u>WSMVD</u> SPUD WELL LOCATION ON 04/17/2008 AT 0800 HRS.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

SHEILA UPCHEGO

Name (Please Print)

Signature

SENIOR LAND SPECIALIST

4/17/2008

Date

RECEIVED

Title

APR 17 2008

(5/2000)

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/NE SEC. 14, T9S, R21E 2319'FNL, 1996'FEL

5. Lease Serial No.

UTU-01193

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 921-14G

9. API Well No.

4304739250

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recombine
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other WELL SPUD

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX CMT.

SPUD WELL LOCATION ON 04/17/2008 AT 0800 HRS.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

April 17, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED
APR 21 2008
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/NE SEC. 14, T9S, R21E 2319'FNL, 1996'FEL

5. Lease Serial No.

UTU-01193

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 921-14G

9. API Well No.

4304739250

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other SET SURFACE
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	CSG
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PROPETRO AIR RIG ON 04/23/2008. DRILLED 12 1/4" SURFACE HOLE TO 2520'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/230 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD GOOD RETURNS THROUGHOUT JOB 25 +/- BBLS LEAD CMT TO PIT. RAN 200' OF 1" PIPE. CMT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN 1" PIPE, GOOD CMT TO SURFACE AND FELL BACK. TOP OUT W/75 SX PREM CLASS G @ 15.8 PPG 1.15 YIELD DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL. WORT

RECEIVED

MAY 02 2008

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

DIV. OF OIL, GAS & MINING

Signature

Date

April 25, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/NE SEC. 14, T9S, R21E 2319'FNL, 1996'FEL

5. Lease Serial No.

UTU-01193

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 921-14G

9. API Well No.

4304739250

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other FINAL DRILLING OPERATIONS
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

FINISHED DRILLING FROM 2520' TO 9780' ON 05/07/2008. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/490 SX PREM LITE II @11.4 PPG 2.79 YIELD. TAILED CMT W/1160 SX 50/50 POZ @ 14.3 PPG 1.31 YIELD. WASH BOP EQUIP SET AND TEST MANDREL TO 5000 PSI NIPPLE DOWN CLEAN PITS AND RELATED ITEMS.

RELEASED ENSIGN RIG 12 ON 05/09/2008 AT 0500 HRS

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

April 25, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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(Instructions on reverse)

RECEIVED

MAY 14 2008

DEPT OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/NE SEC. 14, T9S, R21E 2319'FNL, 1996'FEL

5. Lease Serial No.

UTU-01193

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. If Unit or CA/Agreement, Name and/or No.

UNIT #891008900A

NATURAL BUTTES UNIT

8. Well Name and No.

NBU 921-14G

9. API Well No.

4304739250

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

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TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other PRODUCTION START-UP
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 06/30/2008 AT 9:30 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

RECEIVED

JUL 11 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

Date

July 8, 2008

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Wins No.: 94951

NBU 921-14G

Well Operations Summary Long

Operator KERR MCGEE OIL & GAS ONSHORE LP	FIELD NAME NATURAL BUTTES	SPUD DATE 04/17/2008	GL 4,782	KB 4795	ROUTE
API 4304739250	STATE UTAH	COUNTY UINTAH	DIVISION ROCKIES		
Long/Lat.: 40.03698 / -109.51672		Q-Q/Sect/Town/Range: SWNE / 14 / 9S / 21E		Footages: 2,319.00' FNL 1,996.00' FEL	

Wellbore: NBU 921-14G

MTD	9,780	TVD	9,771	PBMD	PBTVD
EVENT INFORMATION:		EVENT ACTIVITY: DRILLING		START DATE: 4/17/2008	
		OBJECTIVE: DEVELOPMENT		END DATE: 5/9/2008	
		OBJECTIVE 2: ORIGINAL		DATE WELL STARTED PROD.: .	
		REASON:		Event End Status: COMPLETE	

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
PETE MARTIN DRILLING / UI	04/17/2008	04/17/2008	04/17/2008	04/17/2008	04/17/2008	04/17/2008	04/17/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
4/17/2008	SUPERVISOR: LEW WELDON						
	8:00 - 14:00	6.00	DRLCON	02		P	MOVE IN AND RIG UP BUCKET RIG SPUD WELL @ 0800 HR 4/17/08 DRILL AND SET 40' OF SCHEDULE 10 PIPE DRILL RODENT HOLES FOR RIG 12 BLM AND STATE NOTIFIED OF SPUD
4/23/2008	SUPERVISOR: LEW WELDON						
	13:00 - 0:00	11.00	DRLSUR	02		P	MOVE IN AND RIG UP AIR RIG SPUD WELL @ 1300 HR 4/23/08 DA AT REPORT TIME 990'
4/24/2008	SUPERVISOR: LEW WELDON						
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1440'
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1890'
4/25/2008	SUPERVISOR: LEW WELDON						
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 2200'
	12:00 - 18:00	6.00	DRLSUR	02		P	RIG T/D @ 2520' CONDITION HOLE 2 HR
	18:00 - 22:00	4.00	DRLSUR	05		P	TRIP DP OUT OF HOLE
	22:00 - 0:00	2.00	DRLSUR	11		P	RUN CSG AT REPORT TIME
4/26/2008	SUPERVISOR: LEW WELDON						
	0:00 - 2:00	2.00	DRLSUR	11		P	RUN CSG TO 2743' AND RUN 200' OF 1" PIPE RIG DOWN AIR RIG

2:00 - 3:30	1.50	DRLSUR	15	P	CEMENT 1ST STAGE WITH 230 SKS LEAD @ 11# 3.82 23 GAL/SK AND 200 SKS TAIL @ 15.8# 1.15 5.0 GAL/SK GOOD RETURNS THRUOUT JOB + - 25 BBL LEAD CMT TO PIT
3:30 - 4:00	0.50	DRLSUR	15	P	1ST TOP JOB 100 SKS DOWN 1" PIPE GOOD CMT TO SURFACE AND FELL BACK WOC
4:00 - 5:00	1.00	DRLSUR	15	P	2ND TOP JOB 75 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED ATS URFACE
5:00 - 5:00	0.00	DRLSUR			NO VISIBLE LEAKS PIT 1/4/ FULL WORT
4/27/2008 SUPERVISOR: BRUCE TAYLOR MD: 2,520					
8:00 - 0:00	16.00	RDMO	01	E P	RIG DOWN AND PREPARE TO MOVE TO THE NBU 921-14A
4/28/2008 SUPERVISOR: BRUCE TAYLOR MD: 2,520					
0:00 - 7:00	7.00	RDMO	01	E P	RIG DOWN AND PREPARE TO MOVE.
7:00 - 15:00	8.00	RDMO	01	B P	MIRU ENSIGN #12, RELEASED TRUCKS @ 15:00.
15:00 - 0:00	9.00	RDMO	01	B P	RAISE DERRICK. RIG UP EQUIPMENT.
4/29/2008 SUPERVISOR: BRUCE TAYLOR MD: 2,720					
0:00 - 8:00	8.00	MIRU	01	B P	RIG UP EQUIPMENT AND PREPARE TO TEST BOP'S. FMC TESTED DTO ADAPTOR TO 5000 PSI.
8:00 - 14:30	6.50	MIRU	13	C P	TEST PIPE RAMS, BLIND RAMS, FLOOR VALVES, CHOKE AND ALL RELATED VALVES TO 250 AND 5000 PSI. TEST HYDRIL TO 250 AND 2500 PSI. ALL TEST WITNESSED BY RAY ARNOLD WITH THE BLM.
14:30 - 15:00	0.50	MIRU	11	C P	TEST CASING TO 1500 PSI FOR 30 MINUTES.
15:00 - 20:00	5.00	MIRU	05	A P	HELD SAFETY MEETING, RU FRANKS LD MACH. PU BHA AND DP. INSTALL ROTATING HEAD. RD LD MACH.
20:00 - 21:30	1.50	MIRU	02	F P	DRILL SHOE TRACK.
21:30 - 22:00	0.50	MIRU	02	B P	DRILL 2520'-2578' (58') 116'/HR.
22:00 - 22:30	0.50	MIRU	09	A P	SURVEY @ 2500' - 1.55 DEG.
22:30 - 0:00	1.50	MIRU	02	B P	DRILL 2578'-2720' (142') 94.6'/HR. 12/14K WOB, 110 BIT RPM, 8.4/28

Wins No.: 94951		NBU 921-14G					API No.: 4304739250	
4/30/2008	SUPERVISOR: BRUCE TAYLOR							MD: 4,591
0:00 - 11:00	11.00	DRLPRO	02	B	P	DRILL 2720'-3586' (866') 78.7'/HR. 14/16K WOB 110 BIT RPM, 8.8/32		
11:00 - 11:30	0.50	DRLPRO	06	A	P	RIG SERVICE, FUNCTION PIPE RAMS.		
11:30 - 12:00	0.50	DRLPRO	09	A	P	SURVEY @ 3513' - 2.72 DEG.		
12:00 - 23:30	11.50	DRLPRO	02	B	P	DRILL 3586'-4591' (1005') 87.4'/HR. 14/16K WOB, 110 BIT RPM, 9.0/45		
23:30 - 0:00	0.50	DRLPRO	09	A	P	SURVEY @ 4510' - 2.67		
5/1/2008	SUPERVISOR: BRUCE TAYLOR							MD: 6,146
0:00 - 13:00	13.00	DRLPRO	02	B	P	DRILL 4591'-5599' (1008') 77.5'/HR. 14/16K WOB, 110 BIT RPM, 9.4/44		
13:00 - 13:30	0.50	DRLPRO	06	A	P	SERVICE RIG, FUNCTION HCR & COM.		
13:30 - 14:00	0.50	DRLPRO	09	A	P	SURVEY @ 5526' - 2.99 DEG.		
14:00 - 0:00	10.00	DRLPRO	02	B	P	DRILL 5599'-6146' (547') 54.7'/HR. 16k WOB, 110 BIT RPM, 9.5/44		
5/2/2008	SUPERVISOR: BRUCE TAYLOR							MD: 7,102
0:00 - 9:00	9.00	DRLPRO	02	B	P	DRILL 6146'-6561' (415') 46.1'/HR. 16K WOB, 110 BIT RPM, 9.5/42		
9:00 - 9:30	0.50	DRLPRO	06	A	P	SERVICE RIG,		
9:30 - 10:00	0.50	DRLPRO	09	A	P	SURVEY @ 6530' - 3.21 DEG.		
10:00 - 0:00	14.00	DRLPRO	02	B	P	DRILL 6561'-7102' (541') 38.6'/HR. 18/20K WOB, 110 BIT RPM, 9.8/45		
5/3/2008	SUPERVISOR: BRUCE TAYLOR							MD: 7,327
0:00 - 8:30	8.50	DRLPRO	02	B	P	DRILL 7102'-7327' (225') 26.1'/HR. 20/22K WOB, 100 BIT RPM, 10.0/45		
8:30 - 9:00	0.50	DRLPRO	06	A	P	SERVICE RIG.		
9:00 - 9:30	0.50	DRLPRO	04	C	P	CIRCULATE, MIX AND PUMP SLUG, DROP SURVEY.		
9:30 - 11:00	1.50	DRLPRO	05	A	P	POOH FOR BIT DUE TO P-RATE TO TIGHT HOLE AT 5000'.		

Wins No.: 94951		NBU 921-14G						API No.: 4304739250
	9:30 - 11:00	1.50	DRLPRO	05	A	P	POOH FOR BIT DUE TO P-RATE TO TIGHT HOLE AT 5000'.	
	11:00 - 15:00	4.00	DRLPRO	03	A	X	JAR PIPE LOOSE AT 5000', WORK THROUGH NUMEROUS LEDGES BY BACK REAMING WITH KELLY AND TONGS FOR BACKUP TILL FREE AT 4920'. MIX AND PUMP SLUG.	
	15:00 - 18:00	3.00	DRLPRO	05	A	P	FINISH OUT OF HOLE. LAY DOWN MOTOR DUE TO DAMAGE.	
	18:00 - 23:00	5.00	DRLPRO	05	A	P	PICK UP NEW Q506 PDC AND NEW MOTOR. TIH WITH SAME.	
	23:00 - 23:00	0.00	DRLPRO	03	D	P	WASH AND REAM 4900'-4950' TO WIPE OUT LEDGES.	
5/4/2008	SUPERVISOR: BRUCE TAYLOR							MD: 8,332
	0:00 - 0:30	0.50	DRLPRO	03	D	P	FINISH REAMING 4950'-5000'	
	0:30 - 2:00	1.50	DRLPRO	05	A	P	FINISH IN HOLE	
	2:00 - 10:00	8.00	DRLPRO	02	B	P	DRILL 7327'-7710' (383') 47.8'/HR. 14/16K WOB, 93 BIT RPM. (335 GPM) 10.3/45	
	10:00 - 10:30	0.50	DRLPRO	06	A	P	SERVICE RIG	
	10:30 - 11:00	0.50	DRLPRO	07	A	Z	CHANGE OUT WEIGHT INDICATOR	
	11:00 - 0:00	13.00	DRLPRO	02	B	P	DRILL 7710'-8332' (622') 47.8'/HR. 14/16K WOB, 93 BIT RPM, 10.8/46	
5/5/2008	SUPERVISOR: BRUCE TAYLOR							MD: 9,122
	0:00 - 13:00	13.00	DRLPRO	02	B	P	DRILL 8332'-8744' (412') 31.7'/HR. 18/22K WOB, 93 BIT RPM (335 GPM) 10.8/45	
	13:00 - 13:30	0.50	DRLPRO	06	A	P	SERVICE RIG, FUNCTION HCR.	
	13:30 - 0:00	10.50	DRLPRO	02	B	P	DRILL 8744'-9122' (378') 36'/HR. 20/22K WOB, 110 BIT RPM (337 GPM) 11.2/45	
5/6/2008	SUPERVISOR: BRUCE TAYLOR							MD: 9,488
	0:00 - 4:30	4.50	DRLPRO	02	B	P	DRIL 9122'-9190' (68') 15.1'/HR. 20/22K WOB, 110 BIT RPM, 11.3/45	
	4:30 - 9:00	4.50	DRLPRO	05	A	P	MIX AND PUMP SLUG, POOH FOR BIT #3 DUE TO SLOW P-RATE.	
	9:00 - 14:00	5.00	DRLPRO	05	A	P	MAKE UP NEW Q506 AND TIH WITH SAME. WASH 20' TO BOTTOM, 5' FILL.	

Wins No.: 94951		NBU 921-14G					API No.: 4304739250
	14:00 - 0:00	10.00	DRLPRO	02	B	P	DRILL 9190'-9488' (298') 29.8'/HR. 18/22K WOB, 110 BIT RPM, 11.4/45
5/7/2008	SUPERVISOR: KENNETH GATHINGS						MD: 9,780
	0:00 - 0:30	0.50	DRLPRO	06	A	P	SERVICE RIG, FUNCTION HCR.
	0:30 - 10:30	10.00	DRLPRO	02	B	P	DRILL F/ 9488' - T/ 9780' (292' @ 29.2 fph) 46 vis / 11.6 ppg
	10:30 - 11:30	1.00	DRLPRO	04	C	P	CIRCULATE & CONDITION HOLE FOR SHORT TRIP
	11:30 - 14:00	2.50	DRLPRO	05	E	P	SHORT TRIP 22 STANDS - WORK TIGHT SPOT OUT @ 7898' - NO FILL ON BOTTOM
	14:00 - 15:30	1.50	DRLPRO	04	C	P	CIRCULATE & CONDITION HOLE FOR LAY DOWN / 15' - 20' FLARE W/ BOTTOMS UP AFTER TRIP
	15:30 - 0:00	8.50	DRLPRO	05	B	P	L.D.D.P. TO B.H.A. / BREAK KELLY & RELATED EQUIPMENT
5/8/2008	SUPERVISOR: KENNETH GATHINGS						MD: 9,780
	0:00 - 2:00	2.00	DRLPRO	05	B	P	L.D.B.H.A. / RECOVER SURVEY / PULL WEAR BUSHING / R.D.M.O. LAY DOWN EQUIPMENT
	2:00 - 10:00	8.00	DRLPRO	08	A	P	SAFETY MEETING / M.I.R.U. HALLIBURTON EQUIPMENT / RUN TRIPLE COMBO LOGS F/ 9772' - T/ 2484'
	10:00 - 17:30	7.50	DRLPRO	11	B	P	SAFETY MEETING / M.I.R.U. FRANKS WESTATES EQUIPMENT / RUN 231 JOINTS OF 4.50 #11.6 I-80 LT&C CASING - BREAKING CIRCULATION @ SELECTED INTERVALS
	17:30 - 18:00	0.50	DRLPRO	11	B	P	INSTALL MANDREL & ROTATING RUBBER
	18:00 - 19:30	1.50	DRLPRO	04	E	P	CIRCULATE & CONDITION HOLE FOR CEMENT / 15'-20' FLARE W/ BOTTOMS UP
	19:30 - 20:00	0.50	DRLPRO	12	F	Z	WAIT ON HALLIBURTON / BULK PLANT DOWN WHILE TRYING TO LOAD
	20:00 - 0:00	4.00	DRLPRO	15	A	P	SAFETY MEETING / M.I.R.U. HALLIBURTON EQUIPMENT / CEMENT PRODUCTION CASING / ALL OF PRE-FLUSH RETURNED WITH APPROXIMATELY .5 BBLs OF SCAVENGER CEMENT RETURNED. SCAVENGER VERY GAS CUT. BUMPED PLUF 4 BBLs EARLY ALL PRESSURES LOOKED GOOD / FLOATS HELD W/ 2 BBLs RETURNED TO INVENTORY. JOB WAS DELAYED SEVERAL TIMES WHILE PUMPING TAIL SLURRY DUE TO CEMENT HOSE FROM BULK TO PUMP PLUGGING UP.
5/9/2008	SUPERVISOR: KENNETH GATHINGS						MD: 9,780
	0:00 - 1:00	1.00	DRLPRO	13	B	P	WASH BOP EQUIPMENT / SET & TEST MANDREL TO 5000 PSI

Wins No.: 94951		NBU 921-14G					API No.: 4304739250
0:00 - 1:00	1.00	DRLPRO	13	B	P	WASH BOP EQUIPMENT / SET & TEST MANDREL TO 5000 PSI	
1:00 - 5:00	4.00	DRLPRO	13	A	P	NIPPLE DOWN / CLEAN PITS & RELATED ITEMS / RIG RELEASED @ 0500 HOURS 05/09/2008	

Wins No.: 94951		NBU 921-14G		API No.: 4304739250			
EVENT INFORMATION:		EVENT ACTIVITY: COMPLETION		START DATE: 6/23/2008			
		OBJECTIVE: DEVELOPMENT		END DATE:			
		OBJECTIVE 2: ORIGINAL		DATE WELL STARTED PROD.:			
		REASON: MV		Event End Status:			
RIG OPERATIONS:		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start		
		Finish Drilling	Rig Release	Rig Off Location			
MILES 2 / 2							
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
6/20/2008	SUPERVISOR: JEFF SAMUELS						MD:
	7:00 - 10:00	3.00	COMP	46	E	P	7:00 A.M. HSM ROAD RIG & EQUIP F/ NBU 1022-16E TO LOC. SPOT EQUIP. WAIT TO RIG UP. PARK RIG TO SIDE OF LOC. FILLING 33 FRAC TKS OVER W.E. SDFD
6/23/2008	SUPERVISOR: JEFF SAMUELS						MD:
	7:00 - 16:00	9.00	COMP	31	I	P	7:00 A.M. HSM MIRU. NDWH, NUBOPE. PREP & TALLY 2 3/8" L-80 8RD 4.7# TBG. P/U 3 7/8" MILL, BIT SUB & RIH P/U TBG OFF TRAILER TO 8500'. X-O POOH S.B. TBG. L/D BIT & BIT SUB. ND BOPE. NU FRAC VLV'S. PREP TO PERF IN A.M. SWI. SDFN
6/24/2008	SUPERVISOR: JEFF SAMUELS						MD:
	7:00 - 12:00	5.00	COMP	37	B	P	7:00 A.M. HSM MIRU B&C QUICK TST. FILL CSG & PSI TST CSG & FRAC VLV'S TO 7500# (HELD). BLEED PSI OFF. MIRU CUTTERS W.L. P/U 3 3/8" EXP PERF GUNS LOADED W/ 23 GM CHARGES & RIH. SHOOT STG 1 PERFS W/ 16 HOLES F/ 9576' - 80', P/U SHOOT 16 HOLES F/ 9546' - 50', P/U SHOOT 12 HOLES F/ 9479' - 82'. POOH. PREP TO FRAC IN A.M. SWI. SDFD. RIG MAINT.
6/25/2008	SUPERVISOR: JEFF SAMUELS						MD:

Wins No.: 94951		NBU 921-14G				API No.: 4304739250	
7:00	- 17:00	10.00	COMP	36	B	P	7:00 A.M. HSM MIRU WEATHERFORD FRAC SVC. MIRU CUTTERS W.L. SVC.
							NOTE: ALL STAGES SHOT W/ 3 3/8" EXP PERF GUNS LOADED W/ 23 GM CHARGES, 3 & 4 SPF, 90 & 120 DEG PHASING. ALL CBP'S ARE 4 1/2" BAKER 8K CBP'S. ALL STAGES INCLUDE NALCO DVE-005 SCALE INHIB, 3 GPT IN PAD & 1/2 RAMP, 10 GPT IN FLUSH & PRE PAD. ALL STAGES INCLUDE NALCO BIOCID @ .25 GPT IN ALL CLEAN FLUID. ALL STAGES TREATED W/ 30/50 MESH SAND TAILED IN W/ 5000# TLC SAND FOR SAND CONTROLL.
							STG 1: BRK DWN PERF'S @ 3143#, EST INJ RT @ 51 BPM @ 5260#, ISIP 2611#, FG .72, TREAT STG 1 W/ 27,570# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 1069 BBLS. ISIP 3066#, NPI 455#, FG .76
							STG 2: P/U 3 3/8" PERF GUNS & 4 1/2" CBP & RIH. SET CBP @ 9436', P/U SHOOT 16 HOLES F/ 9402' - 06', P/U SHOOT 9 HOLES F/ 9377' - 80', P/U SHOOT 12 HOLES F/ 9344' - 48', P/U SHOOT 6 HOLES F/ 9334' - 36'. POOH. BRK DWN PERF'S @ 3571#, EST INJ RT @ 51 BPM @ 5200#, ISIP 2622#, FG .72, TREAT STG 2 W/ 76873# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 2135#, ISIP 3221#, NPI 599#, FG .79
							STG 3: P/U 3 3/8" PERF GUNS & 4 1/2" CBP & RIH. SET CBP @ 9280', P/U SHOOT 40 HOLES F/ 9240' - 50', P/U SHOOT 6 HOLES F/ 9204' - 06'. POOH. BRK DWN PERF'S @ 2629#, EST INJ RT @ 51 BPM @ 5450#, ISIP 2428#, FG .71, TREAT STG 3 W/ 141,723# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 3792 BBLS. ISIP 2938#, NPI 510#, FG .76
							STG 4: P/U 3 3/8" PERF GUNS & 4 1/2" CBP & RIH. SET CBP @ 8940', P/U SHOOT 16 HOLES F/ 8906' - 10', P/U SHOOT 24 HOLES F/ 8820' - 28'. POOH. BRK DWN PERF'S @ 2743#, EST INJ RT @ 51 BPM @ 4630#, ISIP 2500#, FG .72. TREAT STG 4 W/ 104,352#, TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 2812 BBLS. ISIP 3012#, NPI 512#, FG .78
							STG 5: P/U 3 3/8" PERF GUNS & 4 1/2" CBP & RIH. SET CBP @ 8681'. P/U SHOOT 20 HOLES F/ 8646' - 8651', P/U SHOOT 12 HOLES F/ 8510' - 14'. P/U SHOOT 9 HOLES F/ 8456' - 59'. POOH. BRK DWN PERF'S @ 2349#, EST INJ RT @ 51 BPM @ 4900#, ISIP 1992#, FG .68, TREAT STG 5 W/ 60524# SAND TAILED IN W/ 5000# TLC SAND W/ SLK WTR. TOT CL FL 1708 BBLS. ISIP 2503#, NPI 511#, FG .74
							NOTE: ALL TEST'S FOR H2S ARE 0 PPM. PIT, FRAC TKS, BLENDER, C.A.S.
6/26/2008		SUPERVISOR: JEFF SAMUELS				MD:	
7:00	- 7:30	0.50	COMP	48		P	HSM. FRACING & PERFORATING

7:30 - 17:30 10.00 COMP 36 B P STG 6) PU 4 1/2" CBP & 3 3/8" EXP GNS, 23 GRM, .36 HOLES 120 & 90 DEG PHASING RIH.
 SET 8K BAKER CBP @ 8,366' & PERF 8,330' - 36' 4 SPF, 8,314' - 20' 3 SPF, 42 HOLES.
 WHP 200 PSI, BRK 3,463 PSI @ 3.1 BPM, ISIP 2,350 PSI, FG .72.
 PUMPED 50 BBLS HAVING PUMP PROBLEMS SHUT DOWN
 WORK ON WEATHERFORD EQUIPMENT.
 PUMP 100 BBLS @ 51 BPM @ 4,600 PSI = 79% OF HOLES OPEN.
 MP 5,317 PSI, MR 52.4 BPM, AP 4,472 PSI, AR 51.1 BPM, ISIP 2,622 PSI, FG .76
 NPI 272 PSI, PMP 1,620 BBLS OF SW & 49,391 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND.
 TOTAL PROP PUMPED 54,391 LBS.

STG 7) PU 4 1/2" CBP & 3 3/8" EXP GNS, 23 GRM, .36 HOLES 90 DEG PHASING RIH.
 SET 8K BAKER CBP @ 8,210' & PERF 8,157' - 80' 4 SPF, 8,138' - 42' 4 SPF, 8,062' - 64' 4 SPF, 44 HOLES.
 WHP 300 PSI, BRK 3,039 PSI @ 3.4 BPM, ISIP 2,452 PSI, FG .74.
 PUMP 100 BBLS @ 51.4 BPM @ 4,050 PSI = 100% OF HOLES OPEN.
 MP 5,345 PSI, MR 51.8 BPM, AP 4,002 PSI, AR 51.5 BPM, ISIP 2,452 PSI, FG .74
 NPI 276 PSI, PMP 3,908 BBLS OF SW & 130,214 LBS OF 30/50 SAND & 5,000 LBS OF 20/40 RESIN SAND.
 TOTAL PROP PUMPED 135,214 LBS.

KILL PLG) PU 4 1/2" CBP RIH SET 8K BAKER CBP @ 8,000'.
 RDMO CUTTERS & WEATHERFORD. SWI SDFN

6/27/2008 SUPERVISOR: JEFF SAMUELS

MD:

7:00 - 7:15 0.25 COMP 44 C P DAY 6 - JSA & SM #6
 7:15 - 7:15 0.00 COMP 44 C P ONSICP = 0 PSI.
 R/D FLOOR. NDBOP, NUWH. R/U FLOOR & TBG EQUIP. P/U 3 7/8" BIT, POBS & XN NIPPLE. RIH ON NEW 2 3/8" L80 TBG. TAG FILL @ 7085'. R/U PWR SWVL & PMP. EST. CIRC. P/T BOP TO 3000 PSI. C/O 15' OF SND.
 CBP #1) DRLG BAKER 8K CBP @ 8000' IN 10 MIN. 700 PSI DIFF. RIH & TAG SND @ 8175'. C/O 35' OF SND. FCP = 250 PSI.
 CBP #2) DRLG BAKER 8K CBP @ 8210' IN 10 MIN. 400 PSI DIFF. RIH & TAG SND @ 8326'. C/O 30' OF SND. FCP = 225 PSI.
 CBP #3) DRLG BAKER 8K CBP @ 8356' IN 10 MIN. 500 PSI DIFF. RIH & TAG SND @ 8646'. C/O 30' OF SND. FCP = 250 PSI.
 CBP #4) DRLG BAKER 8K CBP @ 8676' IN 10 MIN. 600 PSI DIFF. RIH & TAG SND @ 8905'. C/O 40' OF SND. FCP = 250 PSI.
 CBP #5) DRLG BAKER 8K CBP @ 8945' IN 10 MIN. 500 PSI DIFF. RIH & TAG SND @ 9250'. C/O 30' OF SND. FCP = 250 PSI.
 CBP #6) DRLG BAKER 8K CBP @ 9280' IN 10 MIN. 300 PSI DIFF. RIH & TAG SND @ 9406'. C/O 30' OF SND. FCP = 300 PSI.
 CBP #7) DRLG BAKER 8K CBP @ 9436' IN 10 MIN. 500 PSI DIFF. RIH & TAG SND @ 9675'. LOST CONE ON BIT. EOT @ 9675'. PBTD @ 9745'. C/O 0' OF SND. FCP = 300 PSI. CIRC WELL CLEAN.
 R/D PWR SWVL. POOH & LD 13 JTS ON FLOAT (TOTAL OF 30). LND TBG ON HANGER W/299 JTS NEW 2 3/8" L80 TBG. EOT @ 9272.94'. POBS & SN @ 9289.97'.
 AVG 10 MIN/PLUG. C/O 195' OF SND. R/D FLOOR & TBG. EQUIP. FCP = 450 PSI.
 NDBOP, DROP BALL, NUWH. PMP OFF BIT @ 3000 PSI. WAIT 30 MIN. FOR BIT TO FALL TO BTM.
 OPEN WELL TO PIT. SICP = 1800 PSI. FTP = 150 PSI. TURN WELL TO FBC.
 17:00 LTR = 14032 BBLS SLK WTR.

Wins No.: 94951		NBU 921-14G				API No.: 4304739250	
6/28/2008	<u>SUPERVISOR:</u> JEFF SAMUELS					<u>MD:</u>	
7:00 -		33	A		7 AM FLBK REPORT: CP 1900#, TP 1750#, 16/64" CK, 45 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 850 BBLS LEFT TO RECOVER: 3800		
6/29/2008	<u>SUPERVISOR:</u> JEFF SAMUELS					<u>MD:</u>	
7:00 -		33	A		7 AM FLBK REPORT: CP 1800#, TP 1850#, 16/64" CK, 40 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 4760 BBLS LEFT TO RECOVER: 12382		
6/30/2008	<u>SUPERVISOR:</u> JEFF SAMUELS					<u>MD:</u>	
7:00 -		33	A		7 AM FLBK REPORT: CP 1750#, TP 1925#, 18/64" CK, 45 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 5890 BBLS LEFT TO RECOVER: 11252		
7/1/2008	<u>SUPERVISOR:</u> JEFF SAMUELS					<u>MD:</u>	
7:00 -		PROD	33	A	P	7 AM FLBK REPORT: CP 1900#, TP 1950#, 18/64" CK, 30 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 6680 BBLS LEFT TO RECOVER: 10462	
7/2/2008	<u>SUPERVISOR:</u> JEFF SAMUELS					<u>MD:</u>	
7:00 -		33	A		7 AM FLBK REPORT: CP 2300#, TP 1900#, 20/64" CK, 25 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 7420 BBLS LEFT TO RECOVER: 9722		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

5. Lease Serial No.
UTU-01193

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator

KERR-MCGEE OIL & GAS ONSHORE LP

3. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3a. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Report locations clearly and in accordance with Federal requirements)*

At surface

SW/NE 2319'FNL, 1996'FEL

At top prod. interval reported below

At total depth

14. Date Spudded

04/17/08

15. Date T.D. Reached

05/07/08

16. Date Completed

☐ D & A ☒ Ready to Prod.
06/30/08

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

7. Unit or CA Agreement Name and No.

UNIT #891008900A

8. Lease Name and Well No.

NBU 921-14G

9. API Well No.

4304739250

10. Field and Pool, or Exploratory

NATURAL BUTTES

11. Sec., T., R., M., or Block and
Survey or Area SEC. 14, T9S, R21E

12. County or Parish

UINTAH

13. State

UTAH

17. Elevations (DF, RKB, RT, GL)*

4783'GL

18. Total Depth: MD 9780'
TVD

19. Plug Back T.D.: MD 9745'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CBL-CCL-GR, SD, DSN, ACTR

22. Was well cored? ☒ No ☐ Yes (Submit copy)

Was DST run? ☒ No ☐ Yes (Submit copy)

Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14"	36.7#		40'		28 SX			
12 1/4"	9 5/8"	36#		2520'		605 SX			
7 7/8"	4 1/2"	11.6#		9780'		1650 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	9273'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	8062'	9580'	8062'-9580'	0.36	300	OPEN
B) WSMVD						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
8062'-9580'	PMP 17,044 BBLs SLICK H2O & 590,649# 30/50 SD

RECEIVED

JUL 28 2008

DIV. OF OIL, GAS & MINING

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/30/08	07/04/08	21	→	80	2,442	800			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. 1577#	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
18/64	SI	2564#	→	80	2442	800			PRODUCING GAS WELL

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH MESAVERDE	5020' 7817'	7817'			

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 5. Core Analysis 7. Other:

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) SHEILA UPCHEGO

Title REGULATORY ANALYST

Signature

Date 07/22/08

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UTU-01193

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

2. Name of Operator

KERR MCGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UTAH 84078

3b. Phone No. (include area code)

435.781.7024

7. If Unit of CA/Agreement, Name and/or No.
UNIT #891008900A

8. Well Name and No.
NBU 921-14G

9. API Well No.
4304739250

10. Field and Pool or Exploratory Area
NATURAL BUTTES

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW/NE SEC. 14, T9S, R21E 2319'FNL, 1996'FEL

11. Country or Parish, State
UINTAH COUNTY, UTAH

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO COMPLETE THE WASATCH AND MESAVERDE FORMATIONS. THE OPERATOR WILL COMMINGLE THE NEWLY WASATCH AND MESAVERDE FORMATION, ALONG WITH THE EXISTING MESAVERDE FORMATIONS.

PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.

COPY SENT TO OPERATOR

Date: 2.24.2009

Initials: KS

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

SHEILA UPCHEGO

Title REGULATORY ANALYST

Signature

Date 02/02/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Pet. Eng.

Date

2/17/09

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

DOG m

Federal Approval Of This
Action Is Necessary

RECEIVED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FEB 04 2009

(Instructions on page 2)

* Case 173-14

DIV. OF OIL, GAS & MINING

Name: NBU 921-14G
Location: SW NE Sec. 14 9S 21E
Uintah County, UT
Date: 01/22/09

ELEVATIONS: 4782 GL 4796 KB

TOTAL DEPTH: 9769 **PBTD:** 9745
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2487'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 9769'
 Marker Joint **4998-5019'**

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

TOPS:

1649' Green River
 2016' Birdsnest
 2350' Mahogany
 5006' Wasatch
 7808' Mesaverde
 Estimated T.O.C. from CBL @3200

GENERAL:

- A minimum of **14** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 05/08/08
- **5** fracturing stages required for coverage.
- Procedure calls for 6 CBP's (**8000** psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and 1/2 the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac.**
- Maximum surface pressure **6200** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). **DO NOT OVERDISPLACE.** Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.

- Pump **resin coated sand** last 5,000# of all frac stages
- Tubing Currently Landed @~9273
- Originally completed on 06/25/08

Existing Perforations:

Zone	From	To	SPF	# of Shots
Mesaverde	8062	8064	4	8
Mesaverde	8138	8142	4	16
Mesaverde	8175	8180	4	20
Mesaverde	8314	8320	3	18
Mesaverde	8330	8336	4	24
Mesaverde	8456	8459	3	9
Mesaverde	8510	8514	3	12
Mesaverde	8646	8651	4	20
Mesaverde	8820	8828	3	24
Mesaverde	8906	8910	4	16
Mesaverde	9204	9206	3	6
Mesaverde	9240	9250	4	40
Mesaverde	9334	9336	3	6
Mesaverde	9344	9348	3	12
Mesaverde	9377	9380	3	9
Mesaverde	9402	9406	4	16
Mesaverde	9479	9482	4	12
Mesaverde	9546	9550	4	16
Mesaverde	9576	9580	4	16

PROCEDURE:

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
2. TOOH with 2-3/8", 4.7#, N-80 tubing (currently landed at ~9273'). Visually inspect for scale and consider replacing if needed.
3. If tbg looks ok consider running a gauge ring to 7990 (50' below proposed CBP). Otherwise P/U a mill and C/O to 7990 (50' below proposed CBP).
4. Set 8000 psi CBP at ~ 7940'. Pressure test BOP and casing to 6000 psi. .
5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
MESAVERDE	7838	7840	4	8
MESAVERDE	7866	7870	4	16

6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~7788' and trickle 250gal 15%HCL w/ scale inhibitor in flush .
7. Set 8000 psi CBP at ~7224'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	7058	7062	4	16
WASATCH	7188	7194	4	24
8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~7038' and trickle 250gal 15%HCL w/ scale inhibitor in flush. Tight spacing between stages 2 & 3.
9. Set 8000 psi CBP at ~7022'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6924	6930	4	24
WASATCH	6988	6992	4	16
10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~6874' trickle 250gal 15%HCL w/ scale inhibitor in flush.
11. Set 8000 psi CBP at ~6764'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6576	6578	4	8
WASATCH	6590	6592	4	8
WASATCH	6605	6606	4	4
WASATCH	6642	6644	4	8
WASATCH	6730	6734	4	16
12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~6526' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
13. Set 8000 psi CBP at ~5612'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5572	5582	4	40
14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~5522' and flush only with recycled water.
15. Set 8000 psi CBP at~5522'.
16. TIH with 3 7/8" mill, pump-off sub, SN and tubing.
17. Mill plugs and clean out to PBTD. Land tubing at ±9304' and pump off bit unless indicated otherwise by the well's behavior. This well will be commingled at this time.
18. RDMO

19. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.

**For design questions, please call
Sarah Schaftenaar, Denver, CO
(303)-895-5883 (Cell)
(720)-929-6605 (Office)**

**For field implementation questions, please call
Robert Miller, Vernal, UT
4350781 7041 (Office)**

NOTES:

Fracturing Schedules
NBU 921-14G
Slickwater Frac

4449 4616
105 939562

Stage	Zone	Feet		SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.
		of Pay	Perfs Top, ft. Bot, ft.															
1	MESAVERDE	8	7838 7840	4	8	Varied	Pump-in test			Slickwater	0	0						
	MESAVERDE	6	7866 7870	4	16	0	ISIP and 5 min ISIP			Slickwater	321	321	15.0%	0.0%	0	0		47
	MESAVERDE	12	7906 7910	4	16	50	Slickwater: Pad			Slickwater	321	321	50.0%	39.7%	33,750	33,750		41
	MESAVERDE	1	No perfs			50	Slickwater: Ramp	0.25	1.25	Slickwater	1,071	1,393	50.0%	39.7%	33,750	33,750		68
	MESAVERDE	2	No perfs			50	Slickwater: Ramp	1.25	2	Slickwater	750	2,143	35.0%	60.3%	51,188	84,938		0
	MESAVERDE	15	No perfs			50	Flush (4-1/2")				121	2,264				84,938		47
	MESAVERDE	9	No perfs				ISDP and 5 min ISDP											202
	MESAVERDE	1	No perfs															
	MESAVERDE	5	No perfs															
	MESAVERDE	3	No perfs															
		68	# of Perfs/stage		40	47.2	<< Above pump time (min)				Flush depth	7788			1,500 CBP depth	1,416	lbs sand/ft	
2	WASATCH	6	7058 7062	4	16	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	16	7186 7194	4	24	0	ISIP and 5 min ISIP			Slickwater	79	79	15.0%	0.0%	0	0		10
	WASATCH	0				50	Slickwater: Pad			Slickwater	262	340	50.0%	39.7%	8,250	8,250		17
	WASATCH	0				50	Slickwater: Ramp	0.25	1.25	Slickwater	183	524	35.0%	60.3%	12,513	20,763		0
	WASATCH	0				50	Flush (4-1/2")				109	633				20,763		46
	WASATCH	0					ISDP and 5 min ISDP											72
		22	# of Perfs/stage		40	13.1	<< Above pump time (min)				Flush depth	7039			1,000 CBP depth	944	lbs sand/ft	
3	WASATCH	17	6924 6930	4	24	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	6	6998 6992	4	16	0	ISIP and 5 min ISIP			Slickwater	145	145	15.0%	0.0%	0	0		18
	WASATCH	0				50	Slickwater: Pad			Slickwater	482	627	50.0%	39.7%	15,188	15,188		30
	WASATCH	0				50	Slickwater: Ramp	0.25	1.25	Slickwater	338	964	35.0%	60.3%	23,034	38,222		0
	WASATCH	0				50	Flush (4-1/2")				107	1,071				38,222		44
	WASATCH	0					ISDP and 5 min ISDP											93
		23	# of Perfs/stage		40	22.3	<< Above pump time (min)				Flush depth	6974			1,800 CBP depth	1,699	lbs sand/ft	
4	WASATCH	4	6576 6578	4	8	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	0	6590 6592	4	8	0	ISIP and 5 min ISIP			Slickwater	64	64	15.0%	0.0%	0	0		8
	WASATCH	0	6605 6606	4	4	50	Slickwater: Pad			Slickwater	214	279	50.0%	39.7%	6,750	6,750		14
	WASATCH	3	6642 6644	4	8	50	Slickwater: Ramp	0.25	1.25	Slickwater	150	429	35.0%	60.3%	10,238	16,988		0
	WASATCH	3	6730 6734	4	16	50	Flush (4-1/2")				101	530				16,988		36
	WASATCH	0					ISDP and 5 min ISDP											58
		10	# of Perfs/stage		44	11.0	<< Above pump time (min)				LOOK				1,800 CBP depth	1,699	lbs sand/ft	
5	WASATCH	7	5572 5582	4	40	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	15	No perfs			0	ISIP and 5 min ISIP			Slickwater	154	154	15.0%	0.0%	0	0		19
	WASATCH	2	No perfs			50	Slickwater: Pad			Slickwater	514	668	50.0%	39.7%	16,200	16,200		32
	WASATCH	0				50	Slickwater: Ramp	0.25	1.25	Slickwater	380	1,029	35.0%	60.3%	24,570	40,770		0
	WASATCH	0				50	Flush (4-1/2")				86	1,114				40,770		0
	WASATCH	0					ISDP and 5 min ISDP											52
		24	# of Perfs/stage		40	23.2	<< Above pump time (min)				Flush depth	6522			1,800 CBP depth	1,699	lbs sand/ft	
Totals		139			204	1.9					gals bbls	5,810 bbls			Total Sand	201,679		LOOK
												12.5 tanks				Total Scale Inhib. =		476

NBU 921-14G

Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	MESAVERDE	7838	7840	4	8	7835.5	to	7843
	MESAVERDE	7866	7870	4	16	7844	to	7849.5
	MESAVERDE	7906	7910	4	16	7858.5	to	7870.5
	MESAVERDE		No perms			7874	to	7874.5
	MESAVERDE		No perms			7876	to	7877.5
	MESAVERDE		No perms			7879.5	to	7894.5
	MESAVERDE		No perms			7903.5	to	7912.5
	MESAVERDE		No perms			7913.5	to	7914.5
	MESAVERDE		No perms			7915.5	to	7920.5
	MESAVERDE		No perms			7947	to	7950
	# of Perfs/stage				40	CBP DEPTH	7,224	
2	WASATCH	7058	7062	4	16	7056	to	7062
	WASATCH	7188	7194	4	24	7186.5	to	7202.5
	# of Perfs/stage				40	CBP DEPTH	7,022	
3	WASATCH	6924	6930	4	24	6922	to	6939
	WASATCH	6988	6992	4	16	6987.5	to	6993
	# of Perfs/stage				40	CBP DEPTH	6,764	
4	WASATCH	6576	6578	4	8	6575	to	6579
	WASATCH	6590	6592	4	8	6589.5	to	6591.5
	WASATCH	6605	6606	4	4	6604	to	6606.5
	WASATCH	6642	6644	4	8	6642	to	6645
	WASATCH	6730	6734	4	16	6730.5	to	6733.5
	# of Perfs/stage				44	CBP DEPTH	5,612	
5	WASATCH	5572	5582	4	40	5562	to	5569
	WASATCH		No perms			5570	to	5585
	WASATCH		No perms			5586	to	5588
	# of Perfs/stage				40	CBP DEPTH	5,522	
	Totals				204			

Stage	Zone	Feet of Pay	Perfs		SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.
1	MESAVERDE	8	7838	7840	4	8	Varied	Pump-in test			Slickwater	0	0						
	MESAVERDE	6	7866	7870	4	16	0	ISIP and 5 min ISIP											47
	MESAVERDE	12	7906	7910	4	16	50	Slickwater Pad				321	321	15.0%	0.0%	0	0		41
	MESAVERDE	1		No perfs			50	Slickwater Ramp	0.25	1.25	Slickwater	1,071	1,393	50.0%	39.7%	33,750	33,750		68
	MESAVERDE	2		No perfs			50	Slickwater Ramp	1.25	2	Slickwater	750	2,143	35.0%	60.3%	51,188	84,938		0
	MESAVERDE	15		No perfs			50	Flush (4-1/2")				121	2,264				84,938		47
	MESAVERDE	9		No perfs				ISDP and 5 min ISDP											202
	MESAVERDE	1		No perfs															
	MESAVERDE	5		No perfs															
	MESAVERDE	3		No perfs															
		60	# of Perfs/stage			40						Flush depth	7788		gal/ft	1,500	1,416	lbs sand/ft	
							47.2	<< Above pump time (min)								CBP depth	7,224	564	
2	WASATCH	6	7058	7062	4	16	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	16	7188	7194	4	24	0	ISIP and 5 min ISIP											
	WASATCH	0					50	Slickwater Pad				79	79	15.0%	0.0%	0	0		10
	WASATCH	0					50	Slickwater Ramp	0.25	1.25	Slickwater	262	340	50.0%	39.7%	8,250	8,250		17
	WASATCH	0					50	Slickwater Ramp	1.25	2	Slickwater	183	524	35.0%	60.3%	12,513	20,763		0
	WASATCH	0					50	Flush (4-1/2")				109	633				20,763		46
	WASATCH	0						ISDP and 5 min ISDP											72
		22	# of Perfs/stage			40						Flush depth	7038		gal/ft	1,000	944	lbs sand/ft	
							13.1	<< Above pump time (min)								CBP depth	7,022	16	
3	WASATCH	17	6924	6930	4	24	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	6	6988	6992	4	16	0	ISIP and 5 min ISIP											
	WASATCH	0					50	Slickwater Pad				145	145	15.0%	0.0%	0	0		18
	WASATCH	0					50	Slickwater Ramp	0.25	1.25	Slickwater	482	627	50.0%	39.7%	15,188	15,188		30
	WASATCH	0					50	Slickwater Ramp	1.25	2	Slickwater	338	964	35.0%	60.3%	23,034	38,222		0
	WASATCH	0					50	Flush (4-1/2")				107	1,071				38,222		44
	WASATCH	0						ISDP and 5 min ISDP											93
		23	# of Perfs/stage			40						Flush depth	6874		gal/ft	1,800	1,699	lbs sand/ft	
							22.3	<< Above pump time (min)								CBP depth	6,764	110	
4	WASATCH	4	6576	6578	4	8	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	0	6590	6592	4	8	0	ISIP and 5 min ISIP											
	WASATCH	0	6605	6606	4	4	50	Slickwater Pad				64	64	15.0%	0.0%	0	0		8
	WASATCH	3	6642	6644	4	8	50	Slickwater Ramp	0.25	1.25	Slickwater	214	279	50.0%	39.7%	6,750	6,750		14
	WASATCH	3	6730	6734	4	16	50	Slickwater Ramp	1.25	2	Slickwater	150	429	35.0%	60.3%	10,238	16,988		0
	WASATCH	0					50	Flush (4-1/2")				101	530				16,988		36
	WASATCH	0						ISDP and 5 min ISDP											58
		10	# of Perfs/stage			44						LOOK			gal/ft	1,800	1,699	lbs sand/ft	
							11.0	<< Above pump time (min)				Flush depth	6526			CBP depth	5,612	914	
5	WASATCH	7	5572	5582	4	40	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	15		No perfs			0	ISIP and 5 min ISIP											
	WASATCH	2		No perfs			50	Slickwater Pad				154	154	15.0%	0.0%	0	0		19
	WASATCH	0					50	Slickwater Ramp	0.25	1.25	Slickwater	514	669	50.0%	39.7%	16,200	16,200		32
	WASATCH	0					50	Slickwater Ramp	1.25	2	Slickwater	360	1,029	35.0%	60.3%	24,570	40,770		0
	WASATCH	0					50	Flush (4-1/2")				86	1,114				40,770		0
	WASATCH	0						ISDP and 5 min ISDP											52
		24	# of Perfs/stage			40						Flush depth	5522		gal/ft	1,800	1,699	lbs sand/ft	
							23.2	<< Above pump time (min)								CBP depth	5,522	0	LOOK
Totals		139				204						gals bbls	5,610	bbls		Total Sand	201,679		
							1.9						12.5	tanks			Total Scale Inhib. =		476

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UTU-01193

6. If Indian, Allottee or Tribe Name

TRIBAL SURFACE

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
KERR MCGEE OIL & GAS ONSHORE LP

7. If Unit of CA/Agreement, Name and/or No.
UNIT #891008900A

8. Well Name and No.
NBU 921-14G

9. API Well No.
4304739250

3a. Address
1368 SOUTH 1200 EAST VERNAL, UTAH 84078

3b. Phone No. (include area code)
435.781.7024

10. Field and Pool or Exploratory Area
NATURAL BUTTES

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SW/NE SEC. 14, T9S, R21E 2319'FNL, 1996'FEL

11. Country or Parish, State
UINTAH COUNTY, UTAH

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

THE OPERATOR HAS PERFORMED THE RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR HAS COMPLETED THE WASATCH AND MESAVERDE FORMATIONS. THE OPERATOR HAS COMMINGLED THE NEWLY WASATCH AND MESAVERDE FORMATION, ALONG WITH THE EXISTING MESAVERDE FORMATIONS.

PLEASE REFER TO THE ATTACHED RECOMPLETION CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)
SHEILA UPCHEGO

Title REGULATORY ANALYST

Signature

Date 03/02/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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MAR 04 2009

DIV. OF OIL, GAS & MINING

ROCKIES

Operation Summary Report

Well: NBU 921-14G	Spud Conductor: 4/17/2008	Spud Date: 4/23/2008
Project: UTAH	Site: UINTAH	Rig Name No: MILES-GRAY 1/1
Event: RECOMPLETION	Start Date: 2/23/2009	End Date:
Active Datum: RKB @4,796.00ft (above Mean Sea Level)		
UWI: NBU 921-14G		

Date	Time Start-End	Duration (hr)	Phase	Code	Subco de2	P/U	MD From (ft)	Operation
2/23/2009	7:00 - 7:30	0.50	COMP	48		P		SAFETY MEETING
	7:30 - 17:00	9.50	COMP	31		P		ROAD RIG TO LOC SPOT IN EQUIP RIG UP KILL WELL W/ 50 BBL 2% NIPPLE DOUW BOP NIPPLE UP BOP RIG UP FLOOR UNLAND TBG POOH SDFN
2/24/2009	7:00 - 7:30	0.50	COMP	48		P		SAFETY MEETING
	7:30 - 17:00	9.50	COMP	37		P		MIRU CUTTERS RIH W/ GAUGE RING TO 8000' POOH RIH SET 10K CBP @ 7940' POOH FILL CSG W/2% TEST TO 7500# GOOD TEST RIN W/ 3,3/8 GUNS 23 GM .36 HOLES PERF @ 7838'-40' 4 SPF 7866'-70' 4 SPF7906'-10' 4 SPF NO BLOW SWISDFN
2/25/2009	7:00 - 7:30	0.50	COMP	48		P		SAFETY MEETING
	7:30 - 18:00	10.50	COMP	36		P		MIRU WEATHERFORD & CUTTERS FRAC STAGE #1 BRK PERF @ 3505# INJ RT 55.9 BPM INJ PSI 3890# FG .67 FRAC W/ 80056# 30/50 SAND + 4851# 20/40 RESIN COATED SAND + 2344 BBL SLICK WATER MP 4043# MR 57.8 BPM AP 3803# AR 54.7 BPM ISIP 2304# FG .73 NPI 462#
								STAGE RIH SET 8K CBP @ 7224' PERF @ 7058'-62' 4 SPF 7188'-94' 4 SPF BRK PERF @ 31683 INJ RT 50.8 BPM INJ PSI 4141# ISIP 1159# FG .60 FRAC W/ 15760# 30/50 SAND + 5000# RESIN COATED SAND + 652 BBL SLICKWATER MP 4303# MR 51.3 BPM AP 3504# AR 51 BPM ISIP 2009# FG .72 NPI 850#
								STAGE #3 RIH SET 8K CBP @ 7022' PERF @ 6924'-30' 4 SPF 6988'-92' 4 SPF BRK PERF @ 3102# INJ RT 52.1BPM INJ PSI 4300# ISIP 1728# FG .69 FRAC W/ 33152# 30/50 SAND + 5071# 20/40 RESIN COATED SAND + 1080 BBL SLICKWATER MP 4369# MR 53 BPM AP 3335# AR 52.5 BPM ISIP 1685# NPI -43#
								STAGE #4 RIH SET 8K CBP @ 6764' PERF @ 6576'-78' 4 SPF 6590'-92' 4 SPF 6605'-06' 4 SPF 6642'-44' 4 SPF 6730'-34' 4 SPF BRK PERF @ 2660# inj rt 51.4 bpm inj psi 3793# isip 1092# fg .60 FRAC W/ 11658# 30/50 SAND + 5366# 20/40 RESIN COATED SAND + 550 BBL SLICKWATER MP 3974# MR 52.9 BPM AP 3212# AR 50.1 BPM ISIP 1167# FG .61 NPI 75#
								STAGE #5 RIH SET 8K CBP @ 5612' PERF @ 5572'-82' 4 SPF BRK PERF @ 1954# INJ RT 50.1 INJ PSI 3420# ISIP 945# FG .61 FRAC W/ 39582# 30/50 SAND + 5559# 20/40 RESIN COATED SAND + 1175 BBL SLICKWATER MP 3494# MR 50.8 BPM AP 2732# AR 50.6 BPM ISIP 1610# FG .73 NPI 665# RIH SET 8K CBP @ 5522' RIG DOWN WEATHERFORD & CUTTERS NIPPLE DOWN FRAC VALVES NIPPLE UP BOP TEST BOP TO 2500# GOOD TETS RIH W/ POBS-MILL TAG @ 5522' SDFN
2/26/2009	7:00 - 7:30	0.50	COMP	48		P		SAFETY MEETING

ROCKIES

Operation Summary Report

Well: NBU 921-14G		Spud Conductor: 4/17/2008		Spud Date: 4/23/2008	
Project: UTAH		Site: UINTAH			Rig Name No: MILES-GRAY 1/1
Event: RECOMPLETION		Start Date: 2/23/2009		End Date:	
Active Datum: RKB @4,796.00ft (above Mean Sea Level)			UWI: NBU 921-14G		

Date	Time Start-End	Duration (hr)	Phase	Code	Subco de2	P/U	MD From (ft)	Operation
	7:30 - 18:00	10.50	COMP	31		P		RIG UP DRILLING EQUIP DRILL OUT CBP @ 5522' 700# KICK RIH TAG @ 5582' 30' SAND ON CBP DRILL OUT SAND & CBP @ 5612' 100# KICK RIH TAG @ 6737' 30' SAND ON CBP DRILL OUT SAND & CBP @ 6764' 300# KICK RIH TAG @ 6982' 30' SAND ON CBP DRILL OUT SAND & CBP 7012' 200# KICK RIH TAG @ 7194' 30' SAND ON CBP DRILL OUT SAND & CBP @ 7224 300# KICK RIH TAG @ 7910' 30' SAND ON DRILL OUT SAND & CBP @ 7940' BRK CIRC W/ AIR FOAM C/O TO 9730' CIRC CLEAN PULL L/D 14 JTS LAND ON WELL HEAD W/300 JTS 2,3/8 L-80 EOT 9313.33' NIPPLE DOWN BOP NIPPLE UP TREE PUMP OFF BIT W/ AIR TRUN WELL TO FLOWBACK CREW SDFN
								TBG DETAL KB 14.00 HANGER .83 300 JTS 2,3/8 L-80 9296.30 XN-NIPPLE 2.20 EOT 9313.33
2/27/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1700#, TP 0#, OPEN/64" CK, 0 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 1812
2/28/2009	7:00 -			33	A			TTL BBLS LEFT TO RECOVER: 3989 7 AM FLBK REPORT: CP 2400#, TP 0#, OPEN/64" CK, 0 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 1917
3/1/2009	7:00 -			33	A			TTL BBLS LEFT TO RECOVER: 3884 7 AM FLBK REPORT: CP 1500#, TP 620#, 28/64" CK, 25 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 2655
3/2/2009	7:00 -			33	A			TTL BBLS LEFT TO RECOVER: 3146 7 AM FLBK REPORT: CP 1300#, TP 620#, 20/64" CK, 36 BWPH, TRACE SAND, 2400 GAS TTL BBLS RECOVERED: 3051 TTL BBLS LEFT TO RECOVER: 2750

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTamended
FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. UTU-01193			
b. Type of Completion: <input type="checkbox"/> New Well <input checked="" type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.,						6. If Indian, Allottee or Tribe Name TRIBAL SURFACE			
Other: <u>recomp</u>						7. Unit or CA Agreement Name and No. UNIT #891008900A			
2. Name of Operator KERR MCGEE OIL & GAS ONSHORE LP						8. Lease Name and Well No. NBU 921-14G			
3. Address 1368 SOUTH 1200 EAST VERNAL, UTAH 84078				3a. Phone No. (include area code) 435.781.7024		9. AFI Well No. 4304739250			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SW/NE 2319'FNL, 1996'FEL At top prod. interval reported below At total depth						10. Field and Pool or Exploratory NATURAL BUTTES			
						11. Sec., T., R., M., on Block and Survey or Area SEC. 14, T9S, R21E			
						12. County or Parish UINTAH, COUNTY		13. State UT	
14. Date Spudded 04/17/2008		15. Date T.D. Reached 05/07/2008		16. Date Completed 03/02/2009 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 4783'G			
18. Total Depth: MD 9780' TVD		19. Plug Back T.D.: MD 9730' TVD		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) N/A						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	14" STEEL	36.7#		40'		28 SX			
12 1/4"	9 5/8" J-55	36#		2520'		605 SX			
7 7/8"	4 1/2 I-80	11.6#		9780'		1650 SX			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2 3/8"	9313'								
25. Producing Intervals									
Formation		Top	Bottom	26. Perforation Record		Size	No. Holes	Perf. Status	
A) WASATCH		5572'	7194'	5572'-7194'		0.36	136	OPEN	
B) MESAVERDE		7838'	7910'	7838'-7910'		0.36	40	OPEN	
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
5572'-7194'		PMP 3457 BBLS SLICK H2O & 121,148# 30/50 OTTOWA SD							
7838'-7910'		PMP 2344 BBLS SLICK H2O & 84,907# 30/50 OTTOWA SD							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
3/2/2009	3/4/2009	24	→	0	1582	250			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. Press.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
20/64	SI 652#	1100#	→	0	1582	250		PRODUCING GAS WELL	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
3/2/2009	3/4/2009	24	→	0	1582	250			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. Press.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
20/64	SI 652#	1100#	→	0	1582	250		PRODUCING GAS WELL	

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	1649'				
BIRDS NEST	2016'				
MAHOGANY	2350'				
WASATCH	5020'	7552'			
MESAVERDE	7817'	9593'			

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) SHEILA UPCHICO

Title REGULATORY ANALYST

Signature

Date 04/15/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01193
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		8. WELL NAME and NUMBER: NBU 921-14G
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2319 FNL 1996 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 14 Township: 09.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047392500000
PHONE NUMBER: 720 929-6456		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/24/2016
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> OTHER			
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: WORKOVER			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 A WELLBORE CLEANOUT HAS BEEN COMPLETED ON THE NBU 921-14G WELL. PLEASE SEE THE ATTACHED OPERATIONS SUMMARY REPORT FOR DETAILS. THANK YOU.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 May 27, 2016

NAME (PLEASE PRINT) Jennifer Thomas	PHONE NUMBER 720 929-6808	TITLE Regulatory Specialist
SIGNATURE N/A	DATE 5/26/2016	

US ROCKIES REGION
Operation Summary Report

Well: NBU 921-14G				Spud Conductor: 4/17/2008				Spud date: 4/23/2008			
Project: UTAH-UINTAH				Site: NBU 921-14G				Rig name no.: MILES 2/2			
Event: WELL WORK EXPENSE				Start date: 5/16/2016				End date: 5/18/2016			
Active datum: RKB @4,796.00usft (above Mean Sea Level)				UWI: NBU 921-14G							
Date	Time Start-End		Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation		
2/9/2016	7:00	- 10:00	3.00	MAINT	35		P		PULLED PLUNGER. PULLED BUMPER SPRING HAD TO HIT HARD SEVERAL TIMES TO GET LOOSE. LEFT PLUNGER AND SPRING ON WELL HEAD		
									FLUID LEVEL N/A SEAT NIPPLE DEPTH 9389		
									SN TYPE TD (Max Depth)		
5/16/2016	6:45	- 7:00	0.25	MAINT	48		P		HSM/JSA		
	7:00	- 9:00	2.00	MAINT	30	A	P		ROAD RIG TO LOCATION. MIRU & SPOT EQUIP. FWP = 52 PSI. BLW WELL DWN. PUMP 10 BBLS DWN TBG & CSG. ND WH. UNLAND TBG. TBG NOT STUCK. RELAND TBG. NU BOP. RU RIG FLOOR & TBG EQUIP. UNLAND TBG, LD TBG HNGR. PU & RIH W/ 8 JTS 2 3/8 P-110 TBG & TAG @ 9545'. POOH LD 8 JTS TBG.		
	9:00	- 15:30	6.50	MAINT	45	A	P		MIRU SCAN TECH. POOH SCAN TTL 300 JTS 2 3/8 L-80 TBG. FOUND = 116 YB, 14 BB, 170 RB. NO OD OR ID SCALE ON TBG STRING, BAD TBG HAD PIN END PITTING, HOLE FOUND @ 9414', 9478' (HOLES FOUND IN 2 BTM JTS). XN NIPPLE WAS CLEAN. RDMO SCAN TECH.		
	15:30	- 17:00	1.50	MAINT	31	I	P		PU 3 7/8 MILL, BIT SUB. PREP & TALLY 2 3/8 TBG. RIH W/ 120 JTS EOT @ 3,760'		
5/17/2016	6:45	- 7:00	0.25	MAINT	48	B	P		HSM/JSA		
	7:00	- 10:30	3.50	MAINT	31	O	P		RIH W/ TBG TAG @ 9544'.		
	10:30	- 13:30	3.00	MAINT	33	A	P		RU DRL EQUIP. BRK CONV. CIRC. W/ FOAM UNIT AND N2. 2 HR TO GET RETURNS CLEAN OUT FROM 9544 TO 9658.		
	13:30	- 14:30	1.00	MAINT	44	D	P		CIRCULATE N2 UNIT.		
	14:30	- 15:30	1.00	MAINT	33	A	P		RD DRL EQUIP. POOH W/ 122 JTS EOT @ 5433'		
5/18/2016	6:45	- 7:00	0.25	MAINT	48	B	P		HSM/JSA		
	7:00	- 8:00	1.00	MAINT	31	I	P		TOOH TO REMOVE MILL		
	8:00	- 13:30	5.50	MAINT	31	I	P		RIH W/ 147 JTS PROD TUBING. BROACH TO 4,628'. RIH W/ REMAIN 148 JTS. BROACH. FOUND CRIMPED JOINT ~ 838'. TOOH W/ 13 STANDS. REPLACE CRIMPED JOINT. RIH W/ GOOD PIPE. 295 JTS IN HOLE W/ EOT @ 9,292'.		
	13:30	- 15:00	1.50	MAINT	33	A	P		PURGE WELL W/ N2 UNIT. READY TO RTP.		
5/20/2016	7:00	- 15:00	8.00	PROD	42		P		Arrived to location, rigged up and blew tubing pressure down. Started swabbing made 9 runs, starting fluid level was at 6400 ft, recovered 30 bbls. Well was on a major suck all day and the fluid never moved, got some sand from 8500 ft. Shut well in for the day and headed back to the shop		

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-14G		Spud Conductor: 4/17/2008		Spud date: 4/23/2008	
Project: UTAH-UINTAH		Site: NBU 921-14G			Rig name no.: MILES 2/2
Event: WELL WORK EXPENSE		Start date: 5/16/2016		End date: 5/18/2016	
Active datum: RKB @4,796.00usft (above Mean Sea Level)			UWI: NBU 921-14G		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
5/23/2016	7:00 - 15:00	8.00	PROD	42		P		Arrived to location, rigged up and blew tubing pressure down. Started swabbing made 7 runs, starting fluid level was at 6500 ft, recovered 35 bbls. Swabbed well back on, well unloaded for a while set well on sales and it sale for 30 minutes until slowly started dying off. shut well in and headed back to the shop
5/24/2016	7:00 - 15:00	8.00	PROD	42		P		Arrived to location, rigged up and blew tubing pressure down. Started swabbing made 3 runs, starting fluid level was at 6800 ft, recovered 20 bbls. Swabbed well back on, well unloaded for a while set well on sales and it sale for 30 minutes, dropped spring and plunger, tripped twice. arrivals looked good and pressures looked good. Rigged down and headed back to the shop